

LAND USE - 1981

Quantification and
Analysis of Land Use for
Nassau and Suffolk Counties



December 1982

Long Island Regional Planning Board

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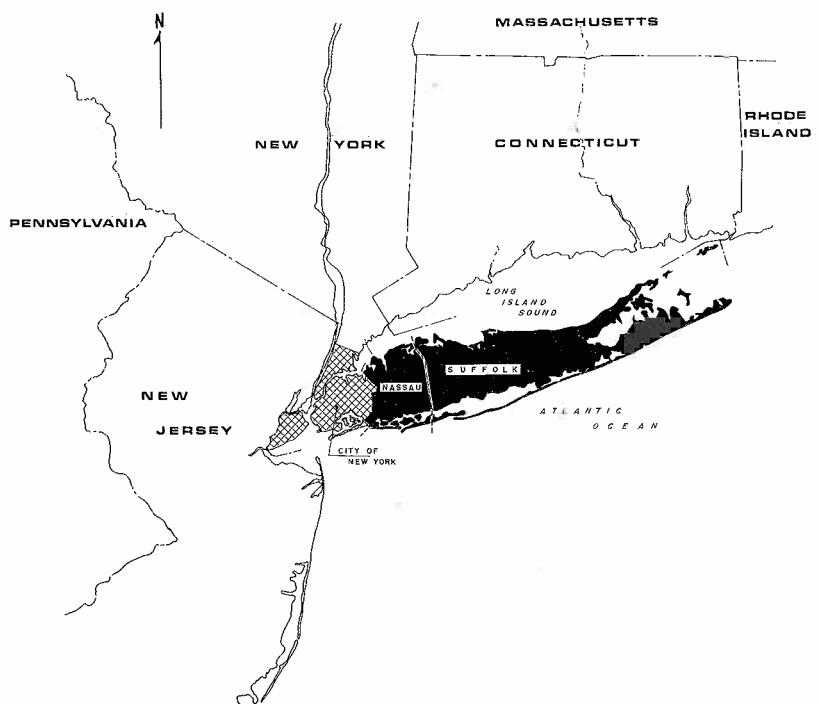


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**Quantification & Analysis of Land Use
for the Counties of Nassau and Suffolk**

December 1982

Long Island Regional Planning Board
H. Lee Dennison Building
Hauppauge, New York



LOCATION MAP

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INTRODUCTION

Maps showing land uses together with a tabulation of these uses at the small area level are important elements in a data base needed in planning for water quality and water supply. It is necessary to know the relationship between land uses and the hydrogeology of an area to assure a continued supply of good quality water.

On a regional scale, the concentrations of high density housing, commercial and industrial uses often indicate where water quality problems may exist. The location of vacant land and low intensity is important in identifying future water supply opportunities. Specialized land uses such as agriculture, mining and landfills have direct relationships to water quality.

The land use data in this report should be used for future 201 studies, reports on water quality, and research related to coastal management and the protection of surface waters.

The 1981 land use information presented in this report was prepared using 1980 aerial photographs, tax maps and USGS maps, supplemented by field surveys to verify and update the data derived from the aerial photographs. Hand-colored maps at the scale of 1" = 2,000 ft. were prepared for the tabulation and quantification of the area/extent of each land use by means of a new video digitizing process. This process is described in the methodology section.

Reproduction of the maps also involved a relatively new and more efficient technology. The hand-colored maps were first photographed on 8" x 10" Kodachrome film. These photos were laser scanned and four processed colored negatives of each map were produced. This allowed a standard four-color process printing of all of the land use maps that are in this report.

COMPARABILITY OF LAND USE DATA FOR 1966, 1975, 1977 and 1981

The 1981 land use information constitutes the first complete mapping and tabulation of land uses in the bi-county region since the original work that was done in 1966 as a part of the Bi-county Comprehensive Plan. Interim land use tabulations were done in 1975 and land use for the coastal zone area was mapped in 1977. However, neither of these projects provided complete maps and a quantification of land use information.

The material that was prepared in 1966 and the current information developed 15 years later are generally comparable since the same approach to land use classification was used. A table that was based on the 1966 land use data and published in February 1968 comprises virtually the same categories that were used for the 1980-81 analysis¹. The differences between the original data and the current information related mainly to the transportation category. In 1966 roadways and parkways were considered as a separate category, which included local streets, expressways, parkways and parking areas. In the current study there is no separate tabulation of roadways because of the scale of the maps that were used. Local streets have been included as part of the adjoining land use categories, while major roadways and expressways along with parking areas are now included in the transportation-communication-utilities tabulation. The parkway system, because of its wide right-of-way, is included in the recreation and open space category.

Even though similar land use information was gathered, there were differences in the tabulation of land uses in 1966 and in 1981. The earlier land use included only one residential category. Current information is presented for four residential categories. Therefore, comparisons can be made only on the total amount of land that is used for residential purposes. The original land use data for the commercial category was listed in subcategories; the 1981 information, in only two: commercial and marine commercial. Data for industrial land was broken down into three subcategories and is now combined into one category. Institutional and recreational land use groupings each had two subcategories in 1966 and are now presented as single categories. Vacant land is usually comparable with one exception. Large parcels that can be further subdivided are now shown with the building assigned to a portion of the property and the remainder considered available for development. In 1966 large estate-type parcels were generally mapped and quantified as residential use. This accounts for the apparent increases in vacant land in some low density villages.

Water areas are included in both 1966 and the 1981 tabulations. However, it is difficult to make a valid comparison since municipal boundaries often extend out into various bays and other water bodies that surround Long Island. Therefore, only land area is used for tabulating percentages of each use in the 1981

¹See Appendix Table 1 for a reproduction of the original table of land use classifications.

data. There are some interior water bodies that have to be excluded using this methodology; however, they are relatively small and should not affect comparability of data.

The total acreage of the municipalities will vary slightly because of the use of different maps. Current maps are deemed to be more accurate and the current statistics should be used in place of the earlier calculations. There have been some boundary changes and annexations that account for differences in total area of certain municipalities.

See Maps 1 through 19 at the end of the report for 1981 Land Use Data.

METHODOLOGY

The quantification of the land use data in this report was accomplished using a technique developed by *Resources Planning Associates Inc. (RPA)*, of Ithaca, N.Y. The methodology used to develop the digital computer compatible mapping from the Long Island Regional Planning Board (LIRPB) maps is described in the following section:

The source maps used in this process were photographic copies of hand-colored land use maps of Long Island. A different color was selected for each land use category.

A three step process was used to create the digital map data base and to tabulate the amount of each land use present within boundaries specified by the LIRPB and overlaid on the hand-colored maps. These steps were:

1. *Videodigitizing*
2. *Interactive Data Classification, and*
3. *Polygon Tabulation*

Each of these steps is briefly described in this section. Where appropriate, sources of error are explained and quantified. The final portion comments on limitations to the applicability of the digital map data base and the tabulation results.

Videodigitizing

Videodigitizing is a computer data entry technique that uses a video camera and specialized computer hardware. It can be used to convert (digitize) a representation of a photograph, map, or other image in-

to a computer compatible form. For the LIRPB land use maps a *triple-scan* process was used to capture full color digital images. This process captures color images by separately digitizing three monochrome images through color separation filters and constructing a composite full color image.

Using the videodigitizing station shown in Figure 1, the LIRPB maps were digitized and represented by a matrix of numbers in computer memory. Each matrix position (called a picture element or *pixel*) corresponds to a small area on the scanned map. Each pixel is represented by three numbers which indicate the intensity of each of the primary additive colors (red, green, and blue) sensed by the camera from that small area on the map. Once this was accomplished the resulting digital mapping could be displayed using standard color graphics equipment (see Figure 2).

The digital mapping produced by videodigitizing then was used as the source material for the second step, interactive data classification. That step is described in a subsequent section.

Errors in Videodigitizing

A major concern in videodigitizing involves what is known as *geometric distortion*. The lens and electronics of a video camera combine to produce a *warping effect* along the edges and in the corners of the digital image. This warping can be an important problem in developing digital mapping for cartographic analysis. It is particularly important if separately digitized images are to be pieced together into a mosaic or continuous map data base. The techniques and equipment used by (RPA) limit maximum geometric distortion to approximately one (1) percent. While that amount of error would be significant if the developed data base were used to produce a continuous map, it is of little significance to the tabulation of land use categories within the specified boundaries.

Interactive Data Classification

The videodigitized mapping discussed in the previous section suffers from the same limitations as the original color-coded mapping. Although a visual representation of the areas covered by each land use category can be viewed, there is no quantification of the amount of each within the area of interest. The interactive data classification process is used to develop a data base in which the land use classifica-

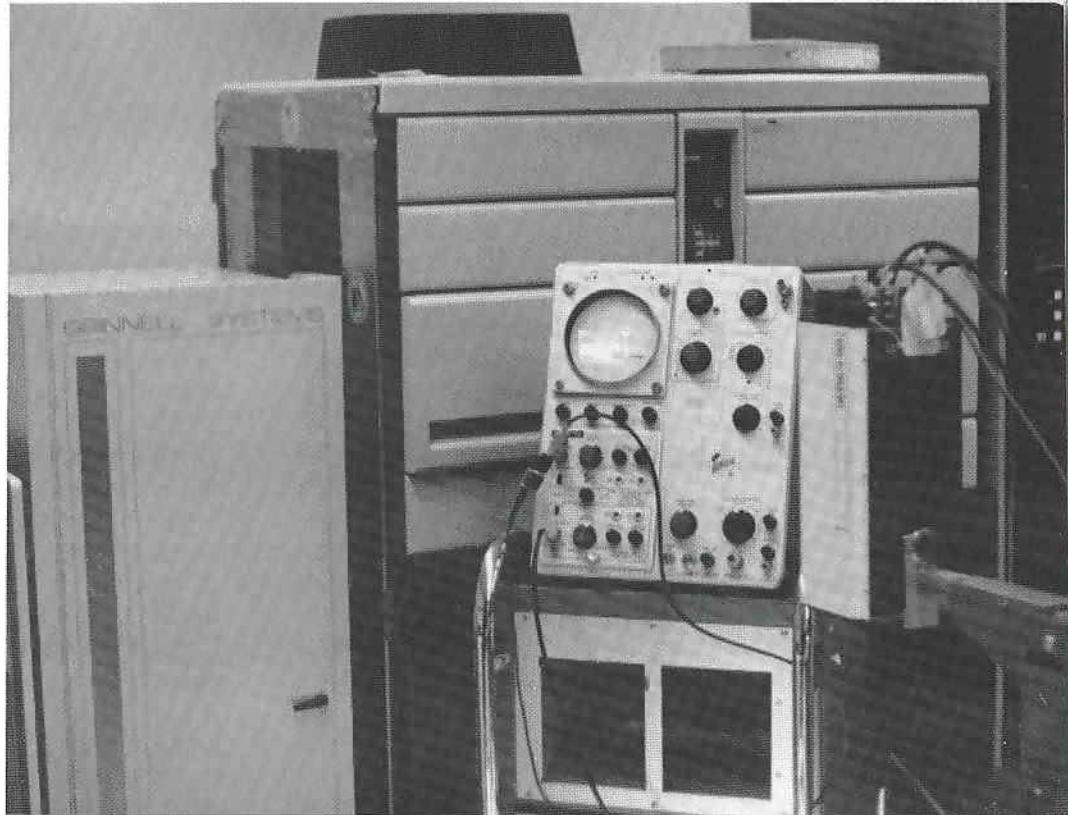


Figure 1. The camera (right foreground) is used to digitize the maps as they are viewed through red, green, and blue color separation filters. The oscilloscope (center) is used to adjust the camera for each filter in order to obtain the proper color balance. The cabinet at left (labelled GRINNELL SYSTEMS) contains special purpose computer graphic hardware and high speed computer memory.

Figure 2. The digital mapping work station shown below contains the color monitor, shown with one of the LIRPB maps displayed, a digitizing tablet, and a computer terminal and keyboard.



tion of each pixel is recorded. This section briefly describes this process and identifies possible errors in the results it produces.

The ability to assign a pixel to the proper land use category depicted on the color-coded mapping depends on matching the sensed color components of that pixel with a statistical characterization of other pixels of that class. Color can be represented by three components: hue, saturation, and lightness. By sampling regions of the digital maps where the appropriate classification is known, a set of statistical parameters can be developed that characterizes each land use class in terms of the three components of color. Once an appropriate set of parameters is developed for each land use class, the values for each pixel comprising the map image can be compared against these parameters and its class identified.

The computer software used for the sampling and classification process is interactive. This allows the operator to define statistical tolerances, to sample any portion of the image, perform the classification and then to resample and reclassify, as required, in order to maintain the best possible accuracy. Direct editing of the classification of any pixel also is allowed by the software.

Errors in the Classified Data

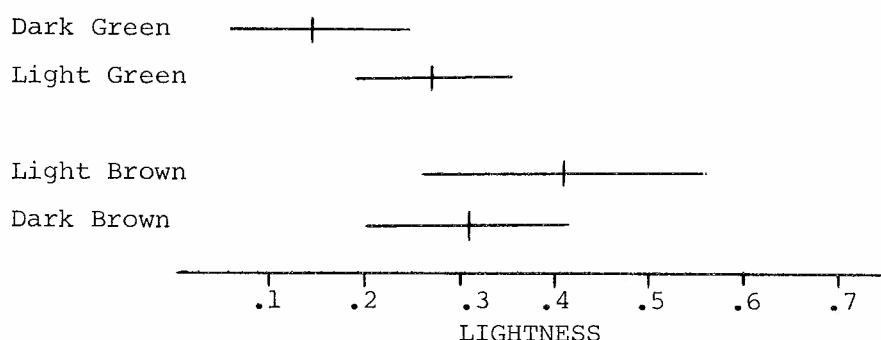
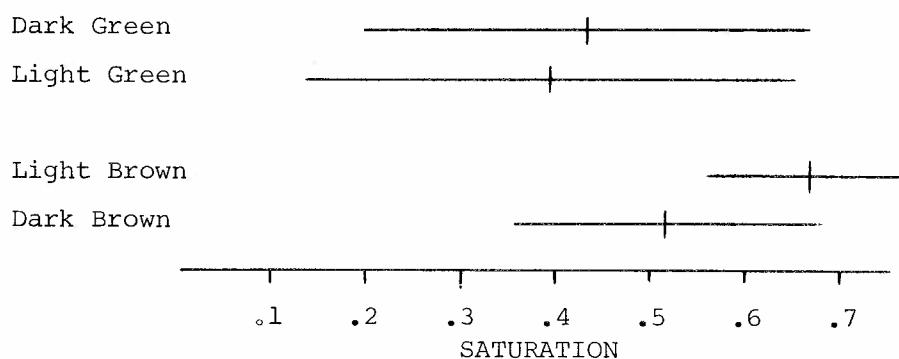
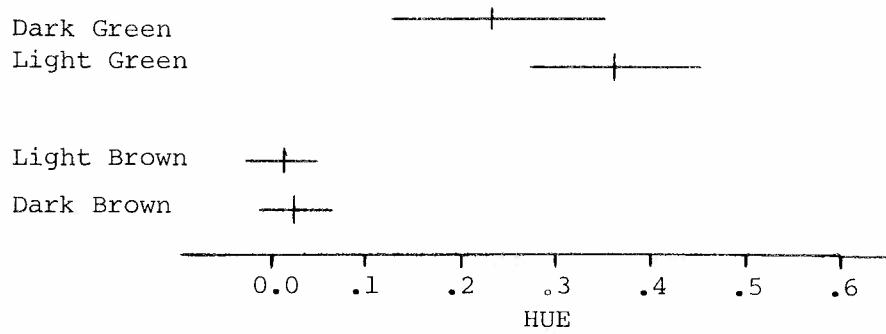
The failure to assign a pixel to the proper land use category depicted on the corresponding area of the original map occurs for one or more of the following reasons. First, the area that determines the color components of a pixel in the videodigitized image is very small; in fact, an individual pixel represents less than 1/200,000 of the digital image. For the LIRPB mapping, a pixel corresponds to less than 0.0002 square inches on the photographic copies. Thus, inconsistencies in the hand coloring and gaps between pencil strokes that are not even noticed in a casual inspection of the map can lead to errors in the pixel classifications. Second, the computer does not have the natural *blending* capabilities of the human eye; and third, the computer software is not able to guess the cartographer's intentions in areas where the coloring is inconsistent.

A related problem that can produce inaccuracies in the land use data base is *edge effect* along the boundaries of differently colored areas. A simple example will serve to illustrate this problem. Suppose a pixel corresponding to an area on the boundary between a

red and green area is being classified. Since this area is, say, half red and half green, the computer will tend to classify the pixel into a category depicted by yellow or brown (colors which are mixtures of red and green with a relatively small blue component). The important point is that there is a strong likelihood that the pixel will be classified as something other than red or green. Since this problem is associated with the boundaries between colors, it is much more significant in areas consisting of many smaller areas with perimeter to area ratios. Given the current color sensing techniques, the only corrective action that can be taken is the manual editing of the boundary pixels.

Edge effects were an important source of error in quantifying the land uses in the western portion of the island. The high density of roads and other physical features shown under the color coded land uses produced a large number of apparent edges. Since each edge involved a *color shift*, two problems were encountered. First, much of the light brown area on each map was misclassified as dark brown. This was due, in part, to the combined effect of the dark lines (black or blue) and the superimposed light brown coloring. Also, the color shift between these lines and the background areas produced a one pixel wide edge effect along many of the roads and grid cell boundary lines. This generally resulted in these areas having a higher percentage of the purple (industrial) class indicated than was actually present. The grid cells numbered from 1 to 100 exhibit significant amounts of this error. Quantifications for cells numbered 101 or higher appear to be far less affected by this problem.

The last problem to be discussed deals with the color scheme selected to depict the land use categories. This problem also is complicated by the two problems previously discussed. Figure 3 shows the mean values and standard deviations of the sampled color components of two sets of similar color codes used on the LIRPB maps. As can be seen from the figure, the two sets are easily distinguished. However, the colors within each set are not easily distinguished. For example, the numerical values of the darker shades of light green areas are not significantly different from those of the lighter shades of the dark green areas. Thus misclassification of pixels is possible. Indeed in this case, without operator intervention, up to 12% of the pixels would likely be classified in the incorrect category. The same problem exists in the light and dark browns. This shading problem is further complicated by both inconsistent coloring and edge effects as previously discussed.



KEY: —+— denotes mean value of the sampled results +/- 2 standard deviations.

Figure 3. Plots of sampled color component statistics for members of the green and brown color groups.

The total magnitude of all sources of error is difficult to assess and will carry from map to map. With regard to the second and third problems (edge effects and color scheme), use of the improved techniques developed by RPA should reduce the error caused by these problems, compared against results obtained with the five test maps previously quantified, and checked by the LIRPB. Since the original test maps were printed, and the current maps were hand colored, a substantial difference can be observed between the coloring consistency. Many of the areas where errors were observed due to inconsistent coloring were manually edited by RPA staff.

Polygon Tabulation

The final step in the quantification process was to tabulate the amount of each land use type present within boundaries specified by the LIRPB. The boundaries were of two types: grid cells encompassing 1440 acres and municipal boundaries. RPA developed computer software which performed the tabulations by having an operator identify vertices of the grid cells or municipalities*and by sorting the pixels within the resulting polygonal areas into the proper classes.

The tabulation program was calibrated by identifying the boundaries of several standard cells, counting the pixels within the boundaries, and determining the number of acres per pixel. For the majority of the grid cells, the value obtained was 0.0834 acres/pixel. Several images, scanned at a later date, had values around 0.094 acres/pixel. The appropriate value is reported with each cell or municipality. When tabulating municipal areas, the area frequently involved two or more scanned images. Where this occurred, the weighted average (based upon pixel count per map segment) of the acreage/pixel has been reported. Such occurrences are recognized by the inclusion of "AV=" preceding the acres/pixel values. In these cases, the average values apply to the total values, and not necessarily to the individual classes.

The procedure used in defining grid cell or municipal boundaries was to follow discernable boundaries as closely as possible. Exceptions to this were made for coastal municipalities where the coast line, rather than the boundary, was followed, and for coastal cells, where portions of the grid cells covered by water were omitted. For this reason, many grid cells contain substantially less than 1440 acres. For non-coastal cells the total acreage reported generally is within the range of 2 or 3 percent of 1440 acres.

Errors in the Tabulations

The major source of error in the tabulations was the misidentification of points defining the boundaries of the grid cells and municipalities. The grid cell boundaries were, for the most part, distinctly drawn on the maps so only minimum error occurred. However, the municipal boundaries often were not clearly shown on the maps. For this reason, their boundaries were often defined by use of a separate index map provided by the LIRPB. This map was of a much smaller scale and did not provide the resolution that would have been possible had the boundaries been clearly depicted on the color coded mapping, or on mylar overlays to that mapping. One additional source of error may have resulted from the conventions adopted for reporting the tabulation results. Due to the classification errors discussed above, it was decided not to report land uses which amounted to less than 10 pixels (approximately 0.8 acres) tabulated area. The areas covered by these classes were proportionally distributed to the remaining categories. Summary tabulations of each of the 1440 acre grid cells are contained in Appendix 4. In these tabulations the amount of each land use present in the cell is tabulated by the number of pixels having that classification, by the acreage covered by the class, and by the percentage of the cell covered by that class. Appendix 3 contains the same type of summaries for the villages. Appendix 3 also contains summaries of the amount of each land use class present within the cities & towns covering Long Island.

Use of the Tabulations Results

The tabulation results can best be used for general comparisons between the land used in different cells and municipalities. Caution should be used when attempting to use the data to identify areas which have small amounts of one or more specific land uses. Due to the problems discussed earlier, it is possible to have small amounts of a land use class show up in areas in which it was not, or was not meant to be, depicted on the original mapping.

Those land uses which are represented by different shades of the same color will have a higher percentage of their areas misclassified than will the land uses depicted with distinct colors. The increased error is the result of misclassifying the "shades" as previously described. The largest errors appear to have occurred in separating the "light" brown (medium density residential) and the "dark" brown (high density residential). Significantly fewer problems occurred in separating the greens, and there was little trouble separating the blues or the red-pink combination.

Grid Cell Data Base

In addition to the tabulation of the land uses within each grid cell, data files were created which record, as a *matrix*, the pixel classifications for each pixel location within each grid cell. The correspondence between the characters in the grid cell matrices to the land use classes is shown in Table 1. It should be noted that class 13, listed in Table 1, represents unclassified areas equivalent to class 0. Pixel locations recorded as class 13 were reassigned to class 0.

In the grid cell files all results of the classification process are included. These data files have not been processed so as to remove classes whose total pixel counts do not exceed 10 pixels, as was done in reporting the summary tabulations.

ANALYSIS OF LAND USE CHANGE

Land Use Comparison in the Region and Counties

The bi-County area comprises 750,000 acres or 1,172 square miles. Over the last 15 years, there has been a reduction in the amount of vacant and agricultural land and increases in the amount in all other land use categories. However, if vacant land, agricultural land and land used for recreation, conservation and open space is excluded, all of the other land uses only account for half of the property on Long Island.

Therefore, only half of the Island can be classified as being built up.

In 1966 residential land including portions of estates now classified as vacant land, accounted for approximately 1/4 of the used land and in 1981 1/3 of the land is used for residential purposes. Commercial land use has doubled so that nearly 3% of the Island is now classified as commercial. Industrial use has increased more slowly because the large amount of industrial park development has been offset by the loss of mining operations, which are classified as an industrial use. Currently, 2% of the land is occupied by industrial uses. Land use for institutional purposes has increased by 7,000 acres or 1% in the last 15 years and now accounts for almost 6% of the total.

Land that is set aside for recreation and open space has increased by almost 15,000 acres. Less than 10% of the land was in that category in 1966, almost 16%, in 1981. This category includes the parkway rights-of-way. Another open space or extremely low density use, agriculture, showed a decrease of 5,000 acres. However, the category still represents more than 8% of the total land area. Vacant land now accounts for 200,000 acres and has shown a decline from 38% to just under 27%.

There were considerable differences in the types of land use changes that occurred in each of the counties during the past fifteen years. Nassau County showed only a small increase in the number of acres classified as residential land, while Suffolk County,

Table 1

DATA CLASSIFICATION KEY

Number	Color	Land Use Category
0	white	vacant
1	light blue	water
2	dark blue	institutional
3	light green	agricultural
4	dark green	recreation & open space
5	yellow	low density residential
6	red	commercial
7	pink	marine commercial
8	orange	medium density residential
9	light brown	intermediate density residential
10	dark brown	high density residential
11	gray	transportation/communications/utility
12	purple	industrial
13	unclassified	

which now has 1/4 of its land used for residential purposes added 15,000 acres. Commercial acreage in Nassau County increased from less than 3% to more than 4%, while the numbers and percentages in Suffolk County doubled. The amount of industrial land in Suffolk also doubled, while in Nassau County it remained the same. The figures for institutional acreage remained the same in Nassau County while registering a 1% point increase in Suffolk.

Even though there is less recreational land in Nassau County, the recreation, conservation and open space category accounts for almost 20% of the total land use. In Suffolk the proportion is 15%, which is up from 9% 15 years ago. The amount of agricultural land decreased by 500 acres in Nassau County and 5,000 in Suffolk County. The number of acres classified as vacant land remained around 9% in Nassau County, actual losses were masked by a change in the classification of much of the land in large estates and other oversized residential units. Suffolk County lost 50,000 acres of vacant land. Even with this loss this category still accounts for 1/3 of all land in the County.

CURRENT LAND USE

The current land use information is useful for evaluating sources of contamination affecting existing water quality and demands on groundwater supply that may affect quantity. For example, the concentration of industrial and commercial land has a direct relationship to water quality. High or low density housing require different types of waste water disposal and differences in water quality can be traced to a variety of land use related activities such as the excessive use of lawn fertilizer.

Institutional land which includes schools, churches, hospitals, and other public buildings, can often be viewed as major water users and can be considered similar to high density housing with concomitant effects on water supply and waste discharge. Land use for recreation, conservation and open space can be viewed as a land use category that differs from the institutional category in that there is generally a minimal demand for services such as water and sewer.

Agricultural land uses have a direct relationship to water quality since pesticide use has contaminated water that is needed to supply nearby residential areas. Therefore, agricultural use has diminished water quality in some areas. The large amount of

water needed for irrigation is a water quantity consideration in areas that have limited resources.

The calculation of vacant land is the major element in the preparation of a projection of future residential and non-residential construction. This data is also necessary to project population along with the subsequent demand for potable water.

Table 2 shows the 1981 Land Use by acres and percent of land area for the region, counties and major municipalities.

City and Town Comparisons

The different residential densities in the major municipalities indicate where sewerage is most necessary or where water quality is apt to be very good due to the retention of a large amount of open space around housing units. According to current development, the Towns of Huntington and Oyster Bay have the greatest amount of land used for low density housing. The 12,000 acres in each town represent both new large lot subdivisions along the north shore in both towns and the existence of estates that have yet to be subdivided. In the future large amounts of low density housing will appear in eastern Suffolk County where most new construction is limited to the low density category. Three towns, North Hempstead, Oyster Bay and Huntington all have between 18% and 20% of their land in low density housing.

The greatest amount of medium density residential development, which is in the half-acre to quarter-acre lot range, is found in the Towns of Brookhaven and Islip. Between one quarter and one half of all land in Islip and Smithtown Towns plus the City of Glen Cove are in the medium density category.

The intermediate density classification which includes the 60' x 100' lot is found mostly in the Town of Hempstead. Over 34,000 acres or 44% of the Town falls into this category.

The Town of Hempstead also has the largest amount of high density residential acreage, which comprises housing in the 11 or more units per acre subcategory. The two cities have the highest percentage of high density land.

The extent of commercial development varies widely among the major municipalities. The most populous town, Hempstead, has over 5,000 acres of land or 6.4% of its total area devoted to commercial purposes. The town with largest area, Brookhaven, has almost 4,000 acres of land used for commercial purposes. However, this represents only 2.5% of the total area. The smallest, town, Shelter Island, has less

than 100 acres of commercial land, which accounts for 1.1% of the total area.

The distribution of industrial land uses is somewhat different. Brookhaven Town has the largest number of acres. However, much of the land classified as industrial is utilized for mining operations or low intensity development. The figures for North Hempstead and Huntington Towns, each of which have over 1,600 acres in industrial use, represent a potentially far greater impact on water quality because of the density of industrial development in those two towns. Almost 5% of the land in North Hempstead is used for industrial purposes. At the other end of the scale, less than 1.0% of the land in the City of Long Beach and the Towns of Riverhead, Shelter Island, Southampton and Southold, is used for industrial purposes.

The largest number of acres in institutional land uses, which may be major consumers of water, is found in the Towns of Brookhaven, Islip, Hempstead, Oyster Bay and Huntington. The Brookhaven Laboratory and State psychiatric hospitals account for half of the Brookhaven and Islip totals. The Town of Islip has 10.6% of its area used for institutional purposes and the Town of Smithtown follows with 8.2%.

The amount of land dedicated for recreation, conservation and open space uses is greatest in the two largest towns, Hempstead and Brookhaven. In addition, the Towns of Huntington, Islip and Oyster Bay each have over 10,000 acres in open space. As far as the proportion of land uses are concerned, the Town of Shelter Island has over 40% of its land in open space and the Town of Babylon has over 30%. The preservation of a large parcel by Nature Conservancy accounts for most of the Shelter Island total, and the presence of offshore islands and the barrier beach account for a large portion of recreational land in Babylon.

There are four towns with over 5,000 acres of agricultural land use. Riverhead and Southampton are at the top of the group, followed by Brookhaven and Southold. On a proportional basis, 2/5 of the Town of Riverhead is used for agriculture and 1/4 of the Town of Southold is similarly used.

The availability of land for future development is usually related to the amount of vacant land and, in some cases, agricultural land. In the vacant land category, the Towns of Brookhaven and Southampton have the greatest amount available since this category exceeds 60,000 acres in each town. The Town of East Hampton is next with only half as much. However, half of the Town of East Hampton is classified as vacant and the same is true in the town

of Southampton. The two cities have the fewest acres of vacant land. The City of Long Beach and the Town of Hempstead have the smallest percentage of their land in the vacant category.

Appendix Table 3 contains the 1981 Land Use acreage and percent of land areas for the towns and villages.

Village Comparisons

Most villages in this region can be grouped into two distinct categories: urban service centers with a wide range of land uses or totally residential enclaves. The latter group is often comprised of large lot developments on former estates. There are four villages that have more than 1500 acres of low density development: Old Westbury, Lloyd Harbor, Sands Point and Muttontown. Thirteen more have between 500 and 1,500 acres. Demand for sewer services is low in these areas and water is often more/than not of high quality. Some of the low density villages have small portions of their area in more intensive development. Villages such as Hewlett Bay Park, Sands Point, Old Field, Kings Point, Centre Island, Mill Neck, Old Westbury, Laurel Hollow, Matinecock and Brookville have 50% or more of their total land area in low density use. In comparison, 36 villages in Nassau County and seven in Suffolk have no acreage in low density residential use.

High density development is usually accompanied by the need for sewers. However, many villages have little or no land that is developed at high density. Half of the villages in the bi-county region have no land used for high density, while a few, among them North Hills, Rockville Centre, Hempstead, Freeport and Babylon, have more than 100 acres of high density development. The Village of Great Neck Plaza has the highest proportion of land in this classification. Over 45% of this village, which contains a major central business district and a high volume railroad station, is used for multi-family housing.

Commercial and industrial land uses and related activities may have a major impact on water quality. Villages in this region either tend to have no commercial land uses or to have a large concentration of such uses if they contain a central business district that serves a wider area. Many villages are totally residential and have no commercial or industrial land. Twenty-four villages have no commercial land and 53 out of the 93 have no land used for industrial purposes.

Among the villages, the Village of Freeport has the

Table 2

REGION, COUNTY & MAJOR MUNICIPALITIES — LAND USE 1981

	Total	RESIDENTIAL					COMMERCIAL		
		Low Density	Medium Density	Intermediate Density	High Density	Total	Commercial	Marine Commercial	Total
City of Glen Cove									
Acres	4,144	443	1,054	813	279	2,589	72	11	83
% of Total	100.0	10.7	25.4	19.6	6.7	62.5	1.7	0.3	2.0
Town of Hempstead									
Acres	78,204	511	2,109	34,169	3,113	39,902	3,387	1,621	5,008
% of Total	100.0	0.7	2.7	43.7	4.0	51.0	4.3	2.1	6.4
City of Long Beach									
Acres	1,170	0	0	860	75	935	45	0	45
% of Total	100.0	0.0	0.0	73.5	6.4	79.9	3.8	0.0	3.8
Town of N. Hempstead									
Acres	33,770	6,697	5,071	9,236	1,336	22,340	1,083	25	1,108
% of Total	100.0	19.8	15.0	27.3	4.0	66.2	3.2	0.1	3.3
Town of Oyster Bay									
Acres	65,392	12,052	4,958	13,748	786	31,544	1,107	287	1,394
% of Total	100.0	18.4	7.6	21.0	1.2	48.2	1.7	0.4	2.1
NASSAU COUNTY									
Acres	182,680	19,703	13,192	58,826	5,589	97,310	5,694	1,944	7,638
% of Total	100.0	10.8	7.2	32.2	3.1	53.3	3.1	1.1	4.2
Town of Babylon									
Acres	32,664	88	6,531	7,859	820	15,298	670	86	756
% of Total	100.0	0.3	20.0	24.1	2.5	46.8	2.1	0.3	2.3
Town of Brookhaven									
Acres	148,919	5,075	23,139	2,840	2,275	33,329	3,717	61	3,778
% of Total	100.0	3.4	15.5	1.9	1.5	22.4	2.5	0.0+	2.5
Town of East Hampton									
Acres	43,629	2,299	2,259	455	298	5,311	486	96	582
% of Total	100.0	5.3	5.2	1.0	0.7	12.2	1.1	0.2	1.3
Town of Huntington									
Acres	59,496	12,056	13,640	2,895	241	28,832	1,458	5	1,463
% of Total	100.0	20.3	22.9	4.9	0.4	48.5	2.4	0.0+	2.5
Town of Islip									
Acres	58,823	587	18,004	1,121	531	20,243	1,867	22	1,889
% of Total	100.0	1.0	30.6	1.9	0.9	34.4	3.2	0.0+	3.2
Town of Riverhead									
Acres	48,435	679	1,869	302	132	2,982	1,480	32	1,512
% of Total	100.0	1.4	3.9	0.6	0.3	6.2	3.1	0.1	3.1
Town of Shelter Island									
Acres	8,673	454	924	62	0	1,440	78	18	96
% of Total	100.0	5.2	10.7	0.7	0.0	16.6	0.9	0.2	1.1
Town of Smithtown									
Acres	34,017	2,562	9,630	194	200	12,586	983	46	1,029
% of Total	100.0	7.5	28.3	0.6	0.6	37.0	2.9	0.1	3.0
Town of Southampton									
Acres	104,336	5,709	8,284	1,666	346	16,005	1,470	260	1,730
% of Total	100.0	5.5	7.9	1.6	0.3	15.3	1.4	0.2	1.7
Town of Southold									
Acres	27,474	1,092	2,754	0	0	3,846	548	246	794
% of Total	100.0	4.0	10.0	0.0	0.0	14.0	2.0	0.9	2.9
SUFFOLK COUNTY									
Acres	566,466	30,601	87,034	17,394	4,843	139,872	12,752	872	13,624
% of Total	100.0	5.4	15.4	3.1	0.9	24.7	2.3	0.2	2.4
REGION									
Acres	749,146	50,304	100,226	76,220	10,432	237,182	18,446	2,816	21,262
% of Total	100.0	6.7	13.4	10.2	1.4	31.7	2.5	0.4	2.8

Industrial	Transportation					
	Utility	Communication	Institutional	Recreation	Agriculture	Vacant
132	65	3.7	518	0	441	
3.2	1.6	7.6	12.5	0.0	10.6	
1,449	3,976	4,504	18,975	6	4,389	
1.8	5.0	5.7	24.0	0.0	5.5	
7	44	36	94	0	9	
0.6	3.8	3.1	8.0	0.0	0.8	
1,643	1,516	1,684	3,396	0	2,083	
4.9	4.5	5.0	10.1	0.0	6.2	
1,426	2,635	4,249	12,188	1,559	10,397	
2.2	4.0	6.5	18.6	2.4	15.9	
4,657	8,236	10,796	35,171	1,565	17,319	
2.5	4.5	5.9	19.3	0.9	9.5	
1,303	1,940	1,649	9,576	74	2,068	
4.0	5.9	5.0	29.3	0.2	6.3	
3,671	13,977	11,275	17,233	8,072	57,585	
2.5	9.4	7.6	11.6	5.4	38.7	
1,128	2,173	575	8,308	3,030	22,521	
2.6	5.0	1.3	19.0	6.9	51.6	
1,686	4,081	3,705	10,230	3,958	5,548	
2.8	6.9	6.2	17.2	6.7	9.3	
1,323	5,566	6,239	11,703	162	11,698	
2.2	9.5	10.6	19.9	0.3	19.9	
331	7,268	549	4,606	19,216	11,972	
0.7	15.0	1.1	9.5	39.7	24.7	
19	164	549	3,581	439	2,385	
0.2	1.9	6.3	41.3	5.1	27.5	
684	2,526	2,794	6,371	1,138	6,887	
2.0	7.4	8.2	18.7	3.3	20.2	
402	6,162	2,784	9,472	16,918	50,867	
0.4	5.9	2.7	9.1	16.2	48.7	
100	1,167	1,238	2,419	6,896	11,013	
0.4	4.2	4.5	8.8	25.1	40.1	
10,647	45,024	31,357	83,499	59,903	182,544	
1.9	7.9	5.5	14.7	10.6	32.2	
15,304	53,260	42,147	118,670	61,468	199,863	
2.0	7.1	5.6	15.8	8.2	26.7	

largest number of acres in commercial land use, mainly because of the central business district and the large amount of marine commercial land use along the waterfront. No other village has even half the amount of that found in Freeport. Valley Stream, Lake Grove, Garden City and Southampton all have between 150 and 200 acres of commercial land. Westhampton Beach, Patchogue, Lindenhurst, East Rockaway, Cedarhurst, Lynbrook, and Hempstead all have between 100 and 150 acres. Some small villages have a high proportion of all their land in the commercial category. This is true of Great Neck Plaza, where more than $\frac{1}{4}$ of all the land is used for commercial purposes. Atlantic Beach is also in this category because of waterfront related commercial uses.

The Village of Freeport is also first in industrial acreage. Amityville is the only other village that has more than 100 acres of land used for industrial purposes. Lake Success, Mineola, Port Jefferson, Valley Stream, Lynbrook and Patchogue all have between 50 and 100 acres in the industrial land category. In addition to Lake Success and Amityville, three small villages have the highest percentage of their area in industrial land. They are Port Washington North with over 10%, Roslyn with over 9% and Manorhaven with just under 8%.

Institutional land can sometimes be viewed as a major user of water. There is one village that is clearly at the top of this category, and that is Old Westbury with over 1,000 acres used for some type of institutional use. Brookville has just over 500; Lloyd Harbor, almost 400; and Garden City and Port Jefferson, just over 300. Institutional uses account for 20% of the land area in Old Westbury; and for almost the same percentage in Brookville. Port Jefferson, the Village of the Branch and Stewart Manor all have between 10 and 20% of their land occupied by institutional uses.

The Village of Lloyd Harbor has over 2,700 acres of land in the recreation, conservation, open space category, which puts it at the top of the list. The existence of a large state park and other park holdings accounts for this. The Village of Lawrence has over 1,000 acres open space land, most of it in a large wetland area and golf course. Muttontown and Nissequogue are also in the high group. Upper Brookville, North Hills and Sands Point all have more than 500 acres of open space, mostly in the form of golf courses. The proportion of land in wetlands and low intensity park use as opposed to golf courses would have to be evaluated in making water quality evaluations within some of these villages with large amounts of open space.

The highest percentage of total area in open space is found in Lawrence and Lloyd Harbor, since almost half of the land in both villages is in this category. Greenport, with a large watershed area, has over 46% of its land in open space, while the small villages of Woodsburgh and Roslyn Harbor have a high proportion of open space land because of the existence of golf courses and other parks.

Half of the villages with the highest number of acres and percentage of total area in agricultural use are located in the concentrated agricultural area at the east end of Long Island. The other half is located in the urbanized area, primarily in estate villages where residents have managed to maintain farming or nursery operations while the land around them has become fully developed. The village with the greatest amount of agricultural land is the Village of the Head of the Harbor, which is in the Town of Smithtown in Suffolk County. Old Brookville in Nassau County is second, followed by the east end villages of Southampton and East Hampton and the Nassau County Village of Upper Brookville.

Vacant land is an important determinant of future development potential. The largest amounts of vacant land are in Quogue, with over 1,800 acres, Southampton, Nissequogue, Oyster Bay Cove and East Hampton, all of which have over 1,000 acres. Approximately 2/3 of the land in Quogue and Saltaire is vacant, while between 1/3 and 1/2 of the land is vacant in Oyster Bay Cove, Nissequogue, Cove Neck, Dering Harbor, North Haven, East Hampton, Westhampton Beach, Belle Terre, Poquott, Lattingtown, Asharoken, and Head of the Harbor.

There are 14 villages with no measureable vacant land and 11 others that have less than five acres. All of these are located in Nassau County.

GRID SYSTEM TABULATIONS

For land use tabulation purposes, the map of Long Island has been divided up into grids measuring one and one-half miles per side. Each of the 762 grids comprises $2\frac{1}{4}$ square miles or 1440 acres. Fishers Island has been separated from the mainland grid system and assigned grids 771-780. See Key Map 1 *Grid Cell System*.

Appendix Table 4 contains the land use tabulations for each of the grids. The total acreage should be in the range between 1400 and 1500 acres for all grids. When the total is below this range, the remainder is water area. Due to the way the maps were prepared, some water area (class 1) is included with each waterfront grid. This figure should be disregarded if statistics relating exclusively to land are required. The exceptions are grids 4 through 9, 15 through 20, plus 29 and 30. These grids extend beyond the Nassau County border into New York City.

The type of maps used for the grid tabulations caused some distortions in certain categories, as was noted in the methodology. No adjustments were made to the grid totals to compensate for the inclusion of roadways in all categories. Therefore, the unclassified category, Number 13, which was added to the zero category, tends to inflate the number of acres listed as vacant land. The transportation — communications — utilities category is also inflated because some minor roadways were recorded with the gray pattern.

The grid tabulations are most useful for the study of and planning for areas such as drainage basins whose boundaries do not coincide with municipal borders. Whole grids can be allocated to the study area and land use estimates for partial grids can be added to produce existing land use totals.

APPENDIX

Appendix Table 1

LAND USE CLASSIFICATIONS—1966

Residential		Industrial		Commercial		Transportation-Utilities-Communications		Recreation and Open Space		Roadways	
Residential		Single Family Two-Family Multi-Family Farm Houses Estates Rooming & Boarding Houses Seasonal Houses Trailers	Manufacturing Food products Printing, publishing and bookbinding Warehousing, wholesaling Distributors Construction material, welding shops General contractors, masonry Salvage and junk yards Coal and oil bulk stations Used and abandoned sand pits								
		Commercial establishments in which short term lodging is the major business activity— Hotels Motels Cabins	Mining	Retail & Services	Establishments whose main purpose is the sale or rendering of a personal service on a retail level and not listed under "offices." Service Stations Dealers Repair, painting and washing Tire sales Seat cover installation Boat yards and marinas (private) Sales and services Fishery services Boat Storage	Utilities	Transportation	Public	Streets & Parking	All streets, public or private, paved or Driveways for a single use	
				Automotive	Amusement parks Beaches and Pools (profit oriented) Billiards Bowling Dance (school, hall, studio, etc.) Day camps and nursery schools Miniature golf and driving ranges Theaters—indoor and drive-in Sports arenas, skating rinks Race tracks			Quasi-Public	Beach clubs, golf clubs, gun clubs Cemeteries, scout camps and all non-profit recreation	Public parking Private parking Parking garages	
				Recreational	Banks, credit agencies and loan companies Investment and securities Advertising, blueprinting and mailing services Doctors, dentists & legal services Medical labs and animal hospitals Employment and travel agencies				Parkways Expressways	Existing and proposed Existing and proposed	

Institutional	Public	Schools (elementary, junior and senior high school) Colleges and universities Municipal buildings Courts	Agriculture	Agriculture
	Hospitals	Post Offices Indian reservations Fire stations	Vacant	Vacant
	Quasi-Public	Churches, convents, seminaries Colleges and universities Nursing and rest homes Schools-parochial and private Synagogues and temples Fraternal organizations Hospitals	Water	Inland Tidal
				Recharge basins, drainage areas Lakes and inland fresh water South Shore only: Channels and bays (excludes Peconic Bay) Wetlands-conservation water areas

Appendix Table 2

LAND USE CLASSIFICATIONS—1981

Residential-	Low Density	— 1 Dwelling Unit or less/acre
	Medium Density	— 2-4 D.U./acre
	Intermediate Density	— 5-10 D.U./acre
	High Density	— 11 or more D.U./acre
Commercial-	Marine Commercial	(see 1966 sub-category)
Industrial		
		Transportation, Communications, Utilities (including expressways, major highways and parking areas)
Institutional		
		Recreation & Open Space (including parkways)
Agricultural		
		Vacant (includes unused land around large residences)
	Water	

Appendix Table 3
TOWN AND VILLAGE LAND USE 1981

	RESIDENTIAL						COMMERCIAL						TRANSPORTATION					
	Total	Low Density	Medium Density	Intermediate Density	High Density	Total	Commercial	Marine Commercial	Total	Industrial	Communication	Utility	Institutional	Recreation	Agriculture	Vacant		
Town of Hempstead	78,204	511	2,109	34,169	3,113	39,902	3,387	1,621	5,008	1,449	3,976	4,504	18,975	6	4,389	0.0+	5.6	
Acres	100.0	0.7	2.7	43.7	4.0	51.0	4.3	2.1	6.4	1.9	5.1	5.8	24.3	0.0	0.0			
Unincorporated Area	56,749	30	749	22,074	2,380	25,233	2,438	1,063	3,501	1,035	3,108	3,548	16,444	0	3,885	0.0	0.8	
Acres	100.0	0.7	2.7	43.7	4.0	51.0	4.3	2.1	6.4	0.6	3.8	3.1	8.0	0.0	0.0			
Atlantic Beach	366	0	5	170	2	177	2	64	66	0	41	6	8	0	0	68	18.6	
Acres	100.0	0.0	1.4	46.4	0.5	48.4	0.5	17.5	18.0	0.0	11.2	1.6	2.2	0.0				
Bellerose	80	0	0	72	0	72	6	0	6	0	1	0	1	0	0	0	0	
Acres	100.0	0.0	0.0	90.0	0.0	90.0	7.5	0.0	7.5	0.0	1.3	0.0	1.3	0.0	0.0	0.0	0.0	
Cedarhurst	427	2	78	176	21	277	76	32	108	0	16	20	5	0	0	0	0	
Acres	100.0	0.5	18.3	41.2	4.9	64.9	17.8	7.5	25.3	0.0	3.7	4.7	1.2	0.0	0.0			
East Rockaway	660	0	0	459	20	479	52	68	120	7	25	22	4	0	0	3	0.5	
Acres	100.0	0.0	0.0	69.5	3.0	72.6	7.9	10.3	18.2	1.1	3.8	3.3	0.6	0.0	0.0			
Floral Park (pt.)	863	0	0	692	35	727	69	0	69	17	26	17	7	0	0	0	0	
Acres	100.0	0.0	0.0	80.2	4.1	84.2	8.0	0.0	8.0	0.0	3.0	2.0	0.8	0.0	0.0			
Fleischmanns	2,973	0	9	1,767	130	1,906	58	350	408	141	35	72	361	0	51	0.0	1.7	
Acres	100.0	0.0	0.3	59.4	4.4	64.1	2.0	11.8	13.7	4.7	1.1	2.4	12.1	0.0				
Garden City	3,299	0	372	1,625	51	2,048	174	0	174	49	241	310	396	0	81	0.0	2.5	
Acres	100.0	0.0	11.3	49.3	1.5	62.1	5.3	0.0	5.3	1.5	7.3	9.4	12.0	0.0				
Hempstead	2,229	0	66	1,579	169	1,814	103	0	103	20	46	141	82	0	22	0.0	1.0	
Acres	100.0	0.0	3.0	70.8	7.6	81.4	4.6	0.0	4.6	0.9	2.1	6.3	3.7	0.0				
Hewlett Bay Park	233	201	0	0	0	201	0	0	0	0	0	0	18	14	0	0	0	
Acres	100.0	86.3	0.0	0.0	0.0	86.3	0.0	0.0	0.0	0.0	0.0	0.0	7.7	6.0	0.0	0.0	0.0	
Hewlett Harbor	486	26	356	0	0	382	0	0	0	0	0	0	2	92	0	9	1.9	
Acres	100.0	5.3	73.3	0.0	0.0	78.6	0.0	0.0	0.0	0.0	0.0	0.0	0.4	18.9	0.0	0.0	2.4	
Hewlett Neck	124	2	85	29	0	116	0	5	5	0	2	0	0	0	0	0	0	
Acres	100.0	1.6	68.5	23.4	0.0	93.5	0.0	4.0	4.0	0.0	1.6	0.0	0.0	0.0				
Island Park	276	0	14	186	2	202	13	23	36	7	15	4	6	0	0	0	6	
Acres	100.0	0.0	5.1	67.4	0.7	73.2	4.7	8.3	13.0	2.5	5.4	1.4	2.2	0.0	0.0		2.2	

Appendix Table 3 (Continued)

	RESIDENTIAL						COMMERCIAL						Transportation					
	Total			Low Density	Medium Density	Intermediate Density	High Density	Total	Commercial	Marine Com'cial	Total	Industrial	Communication	Institutional	Recreation	Agriculture	Vacant	
	Acres	Total	% of Total	Acres	Total	% of Total	Acres	Total	% of Total	Acres	Total	% of Total	Acres	Total	% of Total	Acres	Total	% of Total
Flower Hill	1,033	362	35.0	382	127	9	880	26	0	26	0	15	19	88	0	4	0.4	
Acres	100.0	35.0	37.0	12.3	0.9	85.2	2.5	0.0	2.5	0.0	0.0	1.4	1.9	8.5	0.0	0.0	0.4	
% of Total																		
Great Neck	875	3	0.3	678	19	703	20	0	20	15	79	36	15	0	6	0.7	0.7	
Acres	100.0	0.3	0.3	77.5	2.2	80.3	2.3	0.0	2.3	1.7	9.1	4.2	1.7	0.0	0.0	0.0	0.7	
% of Total																		
Great Neck Estates	462	0	0.0	273	92	0	365	8	0	8	0	11	5	70	0	3	0.6	
Acres	100.0	0.0	59.1	19.9	0.0	79.0	1.7	0.0	1.7	0.0	2.4	1.1	15.2	0.0	0.0	0.0	0.6	
% of Total																		
Great Neck Plaza	194	0	0.0	1	0	89	90	52	0	52	3	35	10	4	0	0	0	
Acres	100.0	0.0	0.5	0.0	45.9	46.4	26.8	0.0	26.8	1.6	18.2	5.0	2.2	0.0	0.0	0.0	0.0	
Kensington	126	0	0.0	110	0	2	112	0	0	0	3	0	0	12	0	0	0	
Acres	100.0	0.0	87.3	0.0	1.6	68.8	0.0	0.0	0.0	0.0	2.3	0.0	9.5	0.0	0.0	0.0	0.0	
% of Total																		
Kings Point	1,924	1,212	2.3	296	8	1,560	0	0	0	0	0	55	93	167	0	49	2.5	
Acres	100.0	63.0	18.3	15.4	0.4	81.1	0.0	0.0	0.0	0.0	0.0	2.9	4.8	8.7	0.0	0.0	2.5	
Lake Success	1,177	67	5.7	215	199	6	487	98	0	98	95	108	89	293	0	9	0.8	
Acres	100.0	5.7	18.3	16.9	0.5	41.4	8.3	0.0	8.3	0.0	8.3	8.1	9.2	7.6	24.9	0.0	0.8	
% of Total																		
Manorhaven	303	0	0.0	206	5	211	2	7	9	24	11	9	27	0	14	4.6	14	
Acres	100.0	0.0	0.0	68.0	1.7	69.6	0.7	2.3	3.0	7.9	3.6	3.0	8.9	0.0	0.0	0.0	4.6	
% of Total																		
Mineola (pt.)	1,141	0	0.0	730	60	790	86	0	86	89	26	77	35	0	38	0.0	3.3	
Acres	100.0	0.0	0.0	64.0	5.3	69.2	7.5	0.0	7.5	7.8	2.3	6.7	3.1	0.0	0.0	0.0	3.3	
% of Total																		
Munsey Park	331	0	0.0	296	0	0	296	6	0	6	0	4	12	11	0	0	0	
Acres	100.0	0.0	89.4	0.0	0.0	89.4	1.8	0.0	1.8	0.0	1.2	3.8	3.3	3.3	0.0	0.0	0.0	
% of Total																		
New Hyde Park (pt.)	290	0	0.0	256	0	256	22	0	22	0	0	4	6	2	0	0	0	
Acres	100.0	0.0	0.0	88.3	0.0	88.3	7.6	0.0	7.6	0.0	1.2	2.0	0.7	0.7	0.0	0.0	0.0	
% of Total																		
North Hills	1,781	217	3	346	227	793	14	0	14	0	0	111	70	591	0	202	11.3	
Acres	100.0	12.2	0.2	19.4	12.7	44.5	0.8	0.0	0.8	0.0	0.1	0.0	6.2	3.9	33.2	0.0	10.6	
% of Total																		
Old Westbury (pt.)	3,372	2,563	0	0	0	0	2,563	2	0	2	0	99	240	112	0	357	2	
Acres	100.0	76.0	0.0	0.0	0.0	0.0	76.0	0.1	0.0	0.1	0.0	0.0	2.9	7.1	3.3	0.0	10.6	
% of Total																		
Pleasantville	362	0	0.0	284	40	0	324	0	0	0	0	3	4	29	0	0	2	
Acres	100.0	0.0	78.5	11.0	0.0	89.5	0.0	0.0	0.0	0.0	0.0	0.9	1.1	8.1	0.0	0.0	0.6	
% of Total																		

Plandome Heights													
Acres	105	0	75	27	0	102	0	0	0	2	0	0	0
% of Total	100.0	0.0	71.4	25.7	0.0	97.1	0.0	0.0	0.0	2.2	0.0	0.0	0.0
Plandome Manor													
Acres	308	0	164	0	0	164	0	0	0	45	3	95	0
% of Total	100.0	0.0	53.2	0.0	0.0	53.2	0.0	0.0	0.0	14.6	1.0	30.8	0.0
Port Washington North													
Acres	298	0	134	22	22	178	15	5	20	32	10	3	51
% of Total	100.0	0.0	45.0	7.4	7.4	59.7	5.0	1.7	6.7	10.7	3.4	1.0	17.1
Roslyn													
Acres	4.5	0	146	44	66	256	11	0	11	37	20	36	37
% of Total	100.0	0.0	36.0	10.9	16.3	63.2	2.7	0.0	2.7	9.1	4.9	8.9	9.2
Roslyn Estates													
Acres	278	0	251	0	0	251	8	0	8	0	3	12	0
% of Total	100.0	0.0	90.3	0.0	0.0	90.3	2.9	0.0	2.9	0.0	1.1	4.5	0.0
Roslyn Harbor (pt.)													
Acres	586	332	3	0	0	335	0	0	0	0	20	19	0
% of Total	100.0	56.7	0.5	0.0	0.0	57.2	0.0	0.0	0.0	0.0	3.5	3.2	0.0
Russell Gardens													
Acres	109	0	0	93	2	95	6	0	6	0	5	0	0
% of Total	100.0	0.0	0.0	85.3	1.8	87.2	5.5	0.0	5.5	0.0	4.9	0.0	2.4
Saddle Rock													
Acres	164	0	123	0	0	123	0	0	0	0	24	7	2
% of Total	100.0	0.0	75.0	0.0	0.0	75.0	0.0	0.0	0.0	0.0	4.3	4.7	1.0
Sands Point													
Acres	2,548	1,702	0	0	0	1,702	0	0	0	0	11	39	218
% of Total	100.0	66.8	0.0	0.0	0.0	66.8	0.0	0.0	0.0	0.0	0.4	1.5	8.6
Thomaston													
Acres	269	0	23	201	14	238	8	0	8	0	13	6	0
% of Total	100.0	0.0	8.6	74.7	5.2	88.5	3.0	0.0	3.0	0.0	4.6	2.4	1.2
Westbury													
Acres	1,507	0	64	914	12	990	77	0	77	15	67	122	29
% of Total	100.0	0.0	4.2	60.7	0.8	65.7	5.1	0.0	5.1	1.0	4.4	8.1	1.9
Williston Park													
Acres	409	0	0	320	11	331	43	0	43	0	6	20	0
% of Total	100.0	0.0	0.0	78.2	2.7	80.9	10.5	0.0	10.5	0.0	1.4	4.8	0.0
Town of Oyster Bay													
Acres	65,392	12,052	4,958	13,748	786	31,544	1,107	0	287	1,394	1,426	4,249	10,397
% of Total	100.0	18.4	7.6	21.0	1.2	48.2	1.7	0.4	2.1	2.2	4.0	6.5	15.9
Unincorporated Areas													
Acres	36,644	1,568	3,690	12,011	657	17,926	972	2.7	0.7	1,214	1,388	1,822	3,071
% of Total	100.0	4.3	10.1	32.8	1.8	48.9	2.7	0.7	3.3	3.8	5.0	5.8	8.4
Bayville													
Acres	875	29	80	368	30	507	39	0	0	39	6	55	70
% of Total	100.0	3.3	9.1	42.1	3.4	57.9	4.5	0.0	4.5	0.7	6.3	6.2	16.5
Brookville													
Acres	2,553	1,352	0	0	4	1,356	0	0	0	0	22	503	191
% of Total	100.0	53.0	0.0	0.0	0.2	53.1	0.0	0.0	0.0	0.0	0.8	19.7	7.5

Appendix Table 3 (Continued)

Appendix Table 3 (Continued)

		RESIDENTIAL						COMMERCIAL						Transportation		
		Total	Low Density	Medium Density	Intermediate Density	High Density	Total	Commercial	Marine	Total	Industrial	Communication	Institutional	Recreation	Agriculture	Vacant
Southampton	Acres	4,237	1,153	1,032	0	85	2,270	132	20	152	10	21	85	49	350	1,302
% of Total	Acres	100.0	27.2	24.4	0.0	2.0	53.6	3.1	0.5	3.6	0.2	0.5	2.0	1.2	8.2	30.6
Westhampton Beach	Acres	1,942	223	495	0	11	729	95	40	135	23	178	89	35	6	747
% of Total	Acres	100.0	11.5	25.5	0.0	0.6	37.5	4.9	2.1	7.0	1.2	9.2	4.6	1.8	0.3	38.5
Town of Southold	Acres	27,474	1,092	2,754	0	0	3,846	548	246	794	100	1,167	1,238	2,419	6,896	11,013
% of Total	Acres	100.0	4.0	10.0	0.0	0.0	14.0	2.0	0.9	2.9	0.4	4.2	4.5	8.8	25.1	40.1
Unincorporated Areas	Acres	26,901	1,092	2,648	0	0	3,740	512	236	748	100	1,140	1,221	2,153	6,886	10,912
% of Total	Acres	100.0	4.1	9.8	0.0	0.0	13.9	1.9	0.9	2.8	0.4	4.2	4.5	8.0	25.6	40.6
Greenport	Acres	573	0	106	0	0	106	36	10	46	0	27	17	266	10	101
% of Total	Acres	100.0	0.0	18.5	0.0	0.0	18.5	6.3	1.7	8.0	0.0	4.7	3.0	46.4	1.7	17.6
TOTALS FOR VILLAGES SPLIT BETWEEN TWO TOWNS																
		RESIDENTIAL						COMMERCIAL						Transportation		
		Total	Low Density	Medium Density	Intermediate Density	High Density	Total	Commercial	Marine	Total	Industrial	Communication	Institutional	Recreation	Agriculture	Vacant
East Hills	Acres	1,409	63	1,008	73	0	1,144	25	0	25	43	36	130	31	0	0
% of Total	Acres	100.0	4.5	71.5	5.2	0.0	81.2	1.8	0.0	1.8	3.0	2.6	9.2	2.2	0.0	0.0
Floral Park	Acres	971	0	0	793	35	828	75	0	75	17	26	17	7	0	0
% of Total	Acres	100.0	0.0	0.0	81.7	3.6	85.3	7.7	0.0	7.7	1.8	2.7	1.8	0.7	0.0	0.0
Mineola	Acres	1,152	0	0	741	60	801	86	0	86	89	26	77	35	0	38
% of Total	Acres	100.0	0.0	0.0	64.3	5.2	69.5	7.5	0.0	7.5	7.7	2.3	6.7	3.0	0.0	3.3
New Hyde Park	Acres	521	0	0	461	0	461	22	0	22	23	6	6	2	0	2
% of Total	Acres	100.0	0.0	0.0	88.2	0.0	88.2	4.2	0.0	4.2	4.4	1.2	1.2	0.4	0.0	0.4
Old Westbury	Acres	5,208	2,910	0	0	0	2,910	2	0	0	0	159	1,039	436	0	664
% of Total	Acres	100.0	55.9	0.0	0.0	0.0	55.9	0.0+	0.0	0.0+	0.0	3.1	19.9	8.4	0.0	12.7
Roslyn Harbor	Acres	742	332	69	0	0	401	1	0	1	0	0	25	26	280	0
% of Total	Acres	100.0	44.7	9.3	0.0	0.0	54.0	0.1	0.0	0.1	0.0	3.4	3.5	37.8	0.0	1.2
Sag Harbor	Acres	1,186	0	413	100	6	519	12	0	12	1	98	17	265	0	274
% of Total	Acres	100.0	0.0	34.8	8.5	0.5	43.8	1.0	0.0	1.0	0.1	8.3	1.4	22.3	0.0	23.1

Appendix Table 4

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Cell: 001			Cell: 010			Cell: 018			Cell: 026			
CLASS	**AREA**	**% AREA**										
1	8.	43.3	0	2.	3.3	0	57.	40.5	0	4.	0.2	
5	9.	48.4	1	21.	36.1	2	35.	2.4	1	38.	2.6	
12	1.	8.3	4	7.	11.4	4	63.	4.4	2	17.	1.2	
TOTALS	18.	100.0	5	27.	47.2	6	96.	6.8	4	156.	10.8	
Cell: 002			12	1.	1.9	9	229.	16.1	5	275.	19.1	
CLASS	**AREA**	**% AREA**	TOTALS	57.	100.0	10	279.	19.6	6	16.	1.1	
0	40.	10.4				11	68.	4.8	8	596.	41.4	
1	45.	11.7	**CLASS**	**AREA**	**% AREA**	12	77.	5.4	9	208.	14.4	
2	10.	2.6	0	155.	12.7	TOTALS	1422.	100.0	10	4.	0.3	
4	12.	3.1	1	110.	9.0				11	69.	4.8	
5	264.	68.1	2	26.	2.1	**CLASS**	**AREA**	**% AREA**	12	58.	4.0	
9	2.	0.6	4	40.	3.3	0	7.	0.7	TOTALS	1440.	100.0	
12	14.	3.6	5	799.	65.2	1	9.	1.0				
TOTALS	387.	100.0	7	1.	0.1	2	77.	8.2	**CLASS**	**AREA**	**% AREA**	
Cell: 003			8	19.	1.6	4	212.	22.5	0	272.	18.7	
CLASS	**AREA**	**% AREA**	9	32.	2.6	6	203.	21.6	1	3.	0.2	
0	7.	0.6	11	10.	0.8	7	329.	35.0	2	77.	5.3	
1	1.	0.1	12	32.	2.6	9	76.	8.1	4	47.	3.3	
2	91.	7.8	TOTALS	1225.	100.0	11	28.	2.9	5	138.	9.5	
4	145.	12.5				12	940.	100.0	6	42.	2.9	
5	345.	29.7	**CLASS**	**AREA**	**% AREA**	TOTALS			8	295.	20.3	
6	9.	0.8	0	71.	5.1				9	474.	32.7	
8	40.	3.4	1	858.	61.3	**CLASS**	**AREA**	**% AREA**	10	18.	1.2	
9	392.	33.7	2	21.	1.5	1	29.	3.0	11	39.	2.7	
10	4.	0.3	4	44.	3.1	2	33.	3.4	12	46.	3.2	
11	93.	8.0	5	178.	12.7	TOTALS	1451.	100.0	TOTALS	1451.	100.0	
12	35.	3.0	6	2.	0.1							
TOTALS	1161.	100.0	7	3.	0.2	**CLASS**	**AREA**	**% AREA**	0	226.	15.7	
Cell: 004			8	2.	0.1	1	154.	15.8	1	5.	0.4	
CLASS	**AREA**	**% AREA**	9	201.	14.3	2	46.	4.8	2	108.	7.5	
0	5.	0.7	TOTALS	1400.	100.0	12	972.	100.0	4	427.	29.7	
1	2.	0.2							5	49.	3.4	
2	30.	3.8	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**	6	93.	6.5	
4	54.	6.8	0	4.	0.4	0	22.	1.5	8	20.	1.4	
5	13.	1.7	1	90.	7.6	1	27.	1.8	9	271.	18.9	
6	2.	0.3	2	26.	2.3	2	51.	3.5	10	28.	1.9	
8	222.	27.6	4	33.	2.8	4	79.	5.4	11	128.	8.9	
9	342.	42.6	5	524.	44.7	5	19.	1.3	12	85.	5.9	
10	1.	0.2	6	11.	0.9	6	236.	16.2	TOTALS	1439.	100.0	
11	106.	13.2	7	77.	6.5	7	239.	16.4				
12	25.	3.1	8	328.	28.0	8	41.	2.8	**CLASS**	**AREA**	**% AREA**	
TOTALS	803.	100.0	9	5.	0.4	9	509.	34.8	0	330.	23.0	
Cell: 005			10	1.	0.7	10	153.	10.5	1	51.	3.6	
CLASS	**AREA**	**% AREA**	11	70.	6.0	11	154.	15.8	2	9.	0.7	
0	1172.	100.0	12	4.	0.4	12	84.	5.7	4	47.	3.3	
CLASS	**AREA**	**% AREA**				TOTALS	1461.	100.0	5	93.	6.5	
4	34.	57.9	**CLASS**	**AREA**	**% AREA**				6	20.	1.4	
9	14.	24.3	0	10.	0.7	**CLASS**	**AREA**	**% AREA**	8	18.	1.2	
10	7.	11.1	1	15.	1.0	1	27.	1.8	9	271.	18.9	
11	4.	6.6	2	28.	2.0	2	51.	3.5	10	28.	1.9	
TOTALS	58.	99.9	4	33.	2.3	4	79.	5.4	11	128.	8.9	
Cell: 006			5	7.	0.5	5	19.	1.3	12	85.	5.9	
CLASS	**AREA**	**% AREA**	6	112.	7.9	TOTALS	1428.	100.0	TOTALS	1433.	100.0	
0	2.	57.6	7	215.	15.2							
4	1.	42.4	8	858.	60.5	**CLASS**	**AREA**	**% AREA**	0	133.	9.1	
TOTALS	3.	100.0	9	3.	0.2	9	11.	1.4	1	30.	2.0	
Cell: 007			10	107.	7.5	10	22.	1.6	2	7.	0.5	
CLASS	**AREA**	**% AREA**	11	31.	2.2	11	20.	1.4	6	8.	0.6	
0	1417.	100.0	12	2.	0.2	12	11.	0.7	TOTALS	1463.	100.0	
CLASS	**AREA**	**% AREA**				**CLASS**	**AREA**	**% AREA**				
0	37.	8.7	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**	
1	24.	5.7	1	15.	1.0	0	131.	9.1	0	133.	9.1	
2	18.	4.3	2	28.	2.0	1	16.	1.1	1	35.	2.5	
4	47.	10.9	4	33.	2.3	2	45.	3.1	2	139.	9.7	
6	48.	11.2	5	7.	0.5	4	334.	23.4	TOTALS	1433.	100.0	
7	27.	6.3	6	112.	7.9	5	153.	10.7				
9	91.	21.4	7	215.	15.2	6	56.	3.9	**CLASS**	**AREA**	**% AREA**	
11	130.	30.5	8	858.	60.5	7	314.	22.0	0	330.	23.0	
TOTALS	426.	100.0	9	3.	0.2	8	328.	23.0	1	51.	3.6	
Cell: 008			10	23.	2.4	9	10.	1.	4	9.	0.7	
CLASS	**AREA**	**% AREA**	11	60.	6.2	10	22.	1.6	5	424.	29.6	
0	957.	100.0	12	37.	3.9	11	20.	1.4	6	398.	27.8	
CLASS	**AREA**	**% AREA**				12	11.	0.7	7	35.	2.5	
0	132.	13.9	**CLASS**	**AREA**	**% AREA**	TOTALS	1428.	100.0	8	125.	9.0	
1	48.	5.0	1	791.	98.6				9	39.	2.8	
2	64.	6.7	2	1.	0.2	**CLASS**	**AREA**	**% AREA**	10	449.	32.3	
4	199.	20.9	3	151.	15.7	3	177.	14.0	11	534.	38.4	
6	22.	2.3	4	249.	26.0	4	2.	0.2	12	54.	3.5	
7	2.	0.2	5	288.	30.1	5	2.	0.2	TOTALS	1463.	100.0	
8	41.	4.4	6	23.	2.4	6	248.	19.6				
9	335.	35.2	7	60.	6.2	7	73.	5.8	**CLASS**	**AREA**	**% AREA**	
10	10.	1.1	8	37.	3.9	8	387.	30.6	0	80.	5.8	
11	83.	8.7	9	5.	0.6	9	83.	6.5	1	19.	1.3	
TOTALS	953.	100.0	TOTALS	802.	100.0	10	177.	14.0	2	125.	9.0	
Cell: 009						11	107.	8.9	3	134.	9.4	
CLASS	**AREA**	**% AREA**	Cell: 010	0	431.	44.8	12	29.	2.4	4	226.	15.8
0	17.	6.2	1	7.	0.7	13	5.	0.4	5	253.	17.7	
1	54.	19.6	2	20.	2.1	14	80.	6.6	6	601.	42.1	
2	18.	6.6	3	131.	13.7	15	107.	8.9	7	96.	6.7	
4	121.	43.6	4	151.	15.7	16	6.	0.5	8	61.	4.3	
7	6.	2.2	5	173.	18.0	17	597.	42.4	9	755.	52.8	
9	31.	11.2	6	7.	0.7	18	41.	2.9	10	100.	7.0	
11	30.	10.6	7	12.	4.4	19	12.	1.3	11	50.	3.5	
TOTALS	278.	100.0	TOTALS	961.	100.0	20	19.	1.3	TOTALS	1429.	100.0	
Cell: 011						21	77.	5.4				
CLASS	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**	22	56.	3.9	**CLASS**	**AREA**	**% AREA**	
0	1.	0.1	1	137.	9.7	23	43.	3.1	0	9.	0.6	
1	4.	1.1	2	55.	3.9	24	34.	2.4	1	10.	0.7	
2	10.	2.6	3	176.	12.5	25	4.	4.	2	49.	3.4	
4	21.	7.1	4	212.	22.5	26	207.	14.5	3	207.	14.5	
7	2.	0.2	5	203.	21.6	27	329.	35.0	4	249.	17.5	
9	3.	0.3	6	76.	8.1	28	15.	1.2	5	208.	14.4	
11	2.	0.2	7	128.	29.3	29	100.	0	6	596.	41.4	
TOTALS	1422.	100.0	TOTALS	1422.	100.0	30	12.	1.2	TOTALS	1440.	100.0	
Cell: 012						31	68.	4.8				
CLASS	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**	32	1.	0.1	**CLASS**	**AREA**	**% AREA**	
0	1.	0.1	1	154.	15.8	33	46.	4.8	0	272.	18.7	
1	4.	1.1	2	15.	1.0	34	1.	0.1	1	3.	0.2	
2	10.	2.6	3	234.	24.1	35	1.	0.1	2	77.	5.3	
4	21.	7.1	4	184.	18.9	36	1.	0.1	3	47.	3.3	
7	2.	0.2	5	285.	29.3	37	1.	0.1	4	49.	3.4	
9	3.	0.3	6	940.	100.0	38	1.	0.1	5	93.	6.5	
TOTALS	1451.	100.0	TOTALS	972.	100.0	39	1.	0.1	TOTALS	1451.	100.0	
Cell: 013						40	1.	0.1				
CLASS	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**	41	1.	0.1	**CLASS**	**AREA**	**% AREA**	
0	1.	0.1	1	154.	15.8	42	1.	0.1	0	226.	15.7	
1	4.	1.1	2	15.	1.0	43	1.	0.1	1	3.	0.2	
2	10.	2.6	3	234.	24.1	44	1.	0.1	2	77.	5.3	
4	21.	7.1	4	184.	18.9	45	1.	0.1	3	47.	3.3	
7	2.	0.2	5	285.	29.3	46	1.	0.1	4	49.	3.4	
9	3.	0.3	6	940.	100.0	47	1.	0.1	5	93.	6.5	
TOTALS	1439.	100.0	TOTALS	972.	100.0	48	1.	0.1	TOTALS	1439.	100.0	
Cell: 014						49	1.	0.1				
CLASS	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**	50	1.	0.1	**CLASS**	**AREA**	**% AREA**	
0	1.	0.1	1	154.	15.8	51	1.	0.1	0	330.	23.0	
1	4.	1.1	2	15.	1.0	52	1.	0.1	1	3.	0.2	
2	10.	2.6	3	234.	24.1	53	1.	0.1	2	77.	5.3	
4	21.	7.1	4	184.	18.9	54	1.	0.1	3	47.	3.3	
7	2.	0.2	5	285.	29.3	5						

Appendix Table 4 (Cont'd)

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Cell: 034		Cell: 042		Cell: 050		Cell: 058		
CLASS		**AREA**		**CLASS**		**AREA**		
0	28.	1.8	0	4.	0.3	0	146.	10.1
1	17.	1.2	2	100.	7.0	1	246.	17.0
2	45.	3.1	4	201.	14.1	2	40.	2.8
4	86.	6.0	5	90.	6.3	4	210.	14.5
5	168.	11.7	6	38.	2.7	6	58.	4.0
6	126.	8.8	8	201.	14.1	8	58.	4.0
7	119.	8.2	9	535.	37.5	9	556.	38.5
8	179.	12.4	10	33.	4.4	10	33.	2.3
9	465.	32.3	11	43.	3.0	11	79.	5.5
11	139.	9.7	12	153.	10.7	12	19.	1.3
12	68.	4.7	TOTALS	1427.	100.0	TOTALS	1444.	100.0
TOTALS	1438.	100.0						
Cell: 035		Cell: 043		Cell: 051		Cell: 059		
CLASS		**AREA**		**CLASS**		**AREA**		
0	36.	2.5	0	82.	5.9	0	131.	9.5
1	411.	28.5	2	41.	2.9	2	132.	9.5
2	90.	6.2	4	41.	2.9	4	32.	5.5
4	690.	48.0	6	51.	3.6	5	94.	16.5
5	18.	1.3	9	549.	39.1	8	73.	12.7
6	9.	0.6	10	330.	23.4	9	39.	6.9
7	4.	0.3	11	46.	3.3	10	27.	4.7
8	96.	6.7	12	266.	18.9	11	37.	6.4
9	26.	1.8	TOTALS	1406.	100.0	TOTALS	570.	100.0
11	46.	3.2						
12	13.	0.9						
TOTALS	1440.	100.0	Cell: 044		Cell: 052		Cell: 060	
Cell: 036		**CLASS**		**CLASS**		**CLASS**		
CLASS		**AREA**		**AREA**		**AREA**		
0	131.	9.0	2	120.	8.3	0	126.	9.1
1	426.	29.4	4	130.	9.0	1	23.	1.7
2	51.	3.5	9	553.	38.2	2	227.	16.3
4	515.	35.5	10	410.	28.3	4	201.	14.4
7	9.	0.6	11	27.	1.9	5	97.	7.0
9	216.	14.9	12	118.	8.1	6	17.	1.2
11	102.	7.0	TOTALS	1448.	100.0	8	221.	15.9
12	1.	0.1				9	323.	23.2
TOTALS	1449.	100.0	Cell: 045			10	90.	6.5
Cell: 037		**CLASS**			11	21.	1.5	
CLASS		**AREA**			12	44.	3.2	
0	26.	12.0	4	29.	2.1	TOTALS	1393.	100.0
1	51.	23.7	6	30.	2.1			
2	1.	0.5	9	632.	45.5			
4	3.	1.5	10	502.	36.1			
5	103.	47.3	11	10.	0.7			
7	1.	0.7	12	118.	8.1			
8	20.	9.3	TOTALS	1390.	100.0			
9	6.	2.6						
12	5.	2.5						
TOTALS	218.	100.0	Cell: 046		Cell: 053		Cell: 061	
Cell: 038		**CLASS**		**CLASS**		**CLASS**		
CLASS		**AREA**		**AREA**		**AREA**		
0	48.	3.3	0	60.	4.3	0	105.	7.6
1	1.	0.1	1	35.	2.5	1	3.	0.2
2	70.	4.8	2	90.	6.2	2	25.	1.8
4	29.	2.1	5	2.	0.1	4	111.	8.1
5	133.	9.2	6	10.	0.7	5	4.	0.3
7	121.	8.4	8	11.	0.8	6	51.	3.7
8	810.	56.2	9	72.	5.0	7	470.	34.2
9	81.	5.8	10	84.	5.8	8	749.	54.6
11	11.	0.3	TOTALS	1441.	100.0	9	72.	5.2
12	72.	5.0				10	37.	2.7
TOTALS	1441.	100.0				11	33.	2.4
						12	47.	3.4
						TOTALS	1374.	100.0
Cell: 039		Cell: 047		Cell: 054		Cell: 062		
CLASS		**CLASS**		**CLASS**		**CLASS**		
AREA		**AREA**		**AREA**		**AREA**		
0	48.	3.3	0	11.	0.8	0	148.	10.8
1	1.	0.1	1	8.	0.5	2	47.	3.4
2	70.	4.8	2	32.	2.3	4	35.	2.5
4	90.	6.2	4	69.	4.9	6	50.	3.7
5	133.	9.2	6	121.	8.4	8	8.	0.6
7	121.	8.4	8	11.	0.8	9	920.	67.3
8	810.	56.2	9	72.	5.0	10	152.	11.1
9	81.	5.8	10	84.	5.8	11	7.	0.5
11	11.	0.3	TOTALS	1441.	100.0	12	47.	3.4
12	72.	5.0				TOTALS	1367.	100.0
TOTALS	1466.	100.0	Cell: 040		Cell: 055		Cell: 063	
Cell: 039		Cell: 047		Cell: 054		Cell: 061		
CLASS		**CLASS**		**CLASS**		**CLASS**		
AREA		**AREA**		**AREA**		**AREA**		
0	11.	0.8	0	18.	1.3	0	129.	9.1
1	71.	4.9	1	32.	2.2	2	85.	6.0
2	135.	9.4	2	9.	0.2	4	50.	3.5
4	137.	9.6	3	1.	0.1	6	111.	7.8
6	827.	58.3	4	283.	20.1	8	353.	24.8
7	133.	9.3	5	116.	8.2	9	585.	41.1
8	134.	9.5	6	270.	19.2	10	920.	67.3
9	80.	5.6	7	75.	5.3	11	152.	11.1
10	717.	49.8	8	105.	7.7	12	7.	0.5
11	144.	10.0	9	156.	11.4	TOTALS	1367.	100.0
12	77.	5.3	10	87.	6.2			
TOTALS	1419.	100.0	11	70.	5.1			
			12	47.	3.3			
			TOTALS	1408.	100.0			
Cell: 040		Cell: 049		Cell: 056		Cell: 064		
CLASS		**CLASS**		**CLASS**		**CLASS**		
AREA		**AREA**		**AREA**		**AREA**		
0	114.	8.6	0	18.	1.3	0	148.	10.8
1	34.	2.8	1	71.	4.9	2	23.	1.7
2	31.	2.3	2	32.	2.2	4	65.	4.6
4	93.	7.1	4	135.	9.4	6	23.	1.6
5	42.	3.2	5	3.	0.2	8	45.	3.3
6	27.	2.0	6	97.	6.7	9	59.	4.3
8	330.	25.0	7	133.	9.3	10	15.	1.1
9	169.	12.8	8	11.	0.8	11	588.	43.0
10	8.	0.6	9	717.	49.8	12	105.	7.7
11	188.	14.2	11	144.	10.0	TOTALS	1411.	100.0
12	282.	21.4	12	77.	5.3			
TOTALS	1320.	100.0	13	22.	1.6			
			TOTALS	1367.	100.0			
Cell: 041		Cell: 049		Cell: 057		Cell: 066		
CLASS		**AREA**		**CLASS**		**CLASS**		
AREA		**AREA**		**AREA**		**AREA**		
0	81.	5.7	0	41.	2.9	0	272.	26.2
2	45.	3.1	1	406.	28.7	1	94.	9.0
4	136.	9.5	2	76.	5.3	2	148.	14.2
5	60.	4.2	4	643.	45.5	4	139.	10.1
6	74.	5.2	6	7.	0.5	5	139.	10.1
8	520.	36.4	8	8.	0.5	6	29.	2.1
9	287.	20.1	9	140.	9.9	8	324.	23.5
10	128.	9.0	11	46.	3.2	9	482.	34.9
11	29.	2.0	12	47.	3.4	10	45.	3.3
12	70.	4.9	TOTALS	1413.	100.0	11	5.	0.4
TOTALS	1429.	100.0	TOTALS	1383.	100.0	TOTALS	1038.	100.0

Appendix Table 4 (Cont'd)

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75 - 83

84 - 92

93 - 101

Cell: 067		Cell: 075		Cell: 084		Cell: 093	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	330.	22.8	0	139.	10.0	0	212.
2	40.	2.8	2	80.	5.7	3	71.
4	209.	14.4	4	74.	5.3	4	471.
5	348.	24.0	6	25.	1.8	5	611.
6	13.	0.9	8	1.	0.1	9	11.
8	204.	14.1	9	959.	68.8	10	39.
9	203.	14.0	10	104.	7.5	11	1.
10	83.	5.8	11	11.	0.8	12	3.
11	8.	0.5	TOTALS	1394.	100.0	TOTALS	1419.
12	11.	0.8					100.0
TOTALS	1449.	100.0					
Cell: 068		Cell: 076		Cell: 085		Cell: 094	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	144.	10.0	0	498.	34.6	0	127.
2	44.	3.1	2	25.	1.8	1	12.
4	174.	12.1	3	240.	18.1	2	53.
5	32.	2.2	4	32.	2.2	4	3.7
6	11.	0.8	5	571.	39.7	5	257.
8	928.	64.5	6	6.	0.4	6	295.
9	67.	4.7	8	1.	0.1	7	18.2
10	33.	2.3	9	5.	0.4	8	45.
11	5.	0.3	10	6.	0.4	9	4.8
12	1439.	100.0	11	34.	2.3	10	11.
TOTALS	1408.	100.0	TOTALS	1439.	100.0	TOTALS	1413.
Cell: 069		Cell: 077		Cell: 086		Cell: 095	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	137.	9.9	0	323.	22.1	0	172.
2	97.	7.0	2	251.	17.2	1	131.
4	65.	4.7	4	18.	1.2	2	4.
6	60.	4.3	5	858.	58.6	4	35.9
8	4.	0.3	10	5.	0.4	5	527.
9	928.	67.1	11	9.	0.6	6	30.5
10	75.	5.4	TOTALS	1464.	100.0	TOTALS	1451.
11	15.	1.1					100.0
12	2.	0.2					
TOTALS	1383.	100.0					
Cell: 070		Cell: 078		Cell: 087		Cell: 096	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	137.	9.9	0	276.	19.8	0	30.
2	97.	7.0	1	2.	0.1	1	621.
4	65.	4.7	2	499.	35.7	2	44.5
6	60.	4.3	4	202.	14.5	4	5.
8	4.	0.3	5	285.	20.4	5	0.4
9	928.	67.1	10	54.	3.9	6	655.
10	75.	5.4	11	75.	5.4	7	46.9
11	15.	1.1	TOTALS	1395.	100.0	TOTALS	1396.
12	2.	0.2					100.0
TOTALS	1422.	100.0					
Cell: 071		Cell: 079		Cell: 088		Cell: 097	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	248.	16.9	0	236.	16.2	0	32.
2	772.	52.7	2	131.	8.9	1	31.2
3	70.	4.8	4	80.	5.5	2	71.
4	101.	6.9	5	261.	17.8	4	68.8
5	84.	5.7	6	73.	5.0	TOTALS	104.
8	137.	9.3	8	22.	1.5		100.0
9	7.	0.5	9	591.	40.4		
10	7.	0.5	11	42.	2.9		
11	38.	2.6	12	25.	1.7		
TOTALS	1464.	100.0	TOTALS	1434.	100.0	TOTALS	1462.
Cell: 072		Cell: 080		Cell: 089		Cell: 098	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	428.	30.6	0	236.	16.2	0	5.
2	122.	8.7	2	131.	8.9	1	71.
4	112.	8.0	4	80.	5.5	2	50.6
5	665.	47.4	5	261.	17.8	4	17.
8	4.	0.3	6	226.	15.2	5	12.1
9	20.	1.4	8	3.	0.2	6	10.2
10	6.	0.5	9	538.	36.3	7	1.6
11	12.	0.5	11	47.	3.2	8	4.0
TOTALS	1401.	100.0	TOTALS	1434.	100.0	TOTALS	1462.
Cell: 073		Cell: 081		Cell: 090		Cell: 099	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	102.	7.2	0	97.	6.5	0	5.
2	79.	5.6	2	70.	4.7	1	32.
4	62.	4.3	4	445.	30.0	1	31.2
5	931.	65.4	6	226.	15.2	2	71.
6	15.	1.0	8	3.	0.2	4	68.8
8	26.	1.9	9	305.	21.4	5	2.7
9	184.	12.9	10	6.	0.4	6	1.1
11	25.	1.7	11	72.	5.0	7	0.3
TOTALS	1423.	100.0	TOTALS	183.	100.0	TOTALS	1004.
Cell: 074		Cell: 082		Cell: 091		Cell: 100	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	409.	28.3	0	148.	14.7	0	169.
1	112.	7.7	1	82.	8.2	1	16.9
2	36.	19.8	2	74.	7.4	2	8.2
4	3.	1.5	5	137.	13.7	4	7.4
5	28.	15.5	6	203.	14.2	5	2.4
8	4.	2.0	8	187.	13.1	6	7.4
9	14.	7.4	9	606.	42.6	7	21.1
10	5.	2.7	6	36.	2.5	8	211.
11	10.	5.6	8	2.	0.2	9	41.
TOTALS	1446.	100.0	TOTALS	183.	100.0	TOTALS	1004.
Cell: 075		Cell: 083		Cell: 092		Cell: 101	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	111.	7.6	0	324.	25.9	0	106.
2	108.	7.4	1	103.	8.2	1	8.5
4	76.	5.2	2	83.	6.6	2	8.2
5	1.	0.1	4	343.	27.4	4	6.6
6	396.	27.2	6	23.	1.6	5	2.3
8	25.	1.7	8	2.	0.1	6	7.6
9	573.	39.4	9	920.	64.6	7	5.6
11	76.	5.2	10	76.	5.3	8	11.9
12	88.	6.1	11	43.	3.0	9	1.3
TOTALS	1455.	100.0	TOTALS	1446.	100.0	TOTALS	1252.
Cell: 076		Cell: 084		Cell: 093		Cell: 101	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	185.	13.0	0	105.	7.2	0	385.
2	509.	35.9	1	4.	0.2	2	32.
4	91.	6.4	2	95.	6.6	3	18.
6	89.	6.3	4	204.	14.2	4	517.
8	22.	1.6	6	19.	1.3	5	295.
9	337.	23.7	8	977.	67.2	6	21.
11	67.	4.7	9	11.	0.8	7	0.1
12	118.	8.3	10	20.	1.3	8	3.9
TOTALS	1418.	100.0	TOTALS	1484.	100.0	TOTALS	1396.

Appendix Table 4 (Cont'd)

102 - 110		111 - 120		121 - 130		131 - 139		
Cell: 102	Cell: 111	Cell: 121	Cell: 131					
CLASS	**AREA** *** AREA**	**CLASS**	**AREA** *** AREA**	**CLASS**	**AREA** *** AREA**	**CLASS**	**AREA** *** AREA**	
0	354. 25.0	0	34. 2.4	0	194. 13.2	0	314. 31.8	
1	12. 0.8	1	445. 31.3	2	52. 3.6	1	146. 14.8	
2	123. 8.7	4	686. 48.2	4	229. 15.6	2	21. 2.2	
3	514. 36.3	7	8. 0.5	6	119. 8.1	4	349. 35.4	
4	335. 23.6	9	221. 15.5	8	1. 0.1	5	155. 15.7	
5	4. 0.3	11	22. 1.5	9	702. 47.7	TOTALS	985. 100.0	
6	56. 3.9	12	8. 0.6	11	81. 5.5		Cell: 132	
7	5. 0.3	TOTALS	1422. 100.0	12	94. 6.4			
8	5. 0.4			TOTALS	1472. 100.0	**CLASS**	**AREA** *** AREA**	
9	9. 0.6					0	41. 3.9	
10	1417. 100.0	Cell: 112	Cell: 122			1	753. 70.6	
Cell: 103	**CLASS**	**AREA** *** AREA**	**CLASS**	**AREA** *** AREA**		2	67. 6.3	
0	248. 16.9	0	8. 0.5	0	7. 0.5	4	183. 17.1	
1	38. 2.6	1	256. 17.7	2	37. 2.6	5	22. 2.0	
2	321. 21.9	4	1185. 81.8	4	34. 2.4	TOTALS	1065. 100.0	
3	847. 57.9	TOTALS	1449. 100.0	6	12. 0.8		Cell: 133	
4	3. 0.2			8	10. 0.7			
5	7. 0.5	Cell: 113	Cell: 123	9	1293. 89.1	**CLASS**	**AREA** *** AREA**	
10	1464. 100.0	**CLASS**	**AREA** *** AREA**	10	23. 1.6	0	389. 35.5	
Cell: 104	**CLASS**	**AREA** *** AREA**	11	33. 2.3	1	126. 11.5		
0	363. 26.0	TOTALS	1451. 100.0	12	43. 3.0	2	84. 7.7	
1	139. 10.0			13	81. 5.6	3	6. 0.6	
2	241. 17.3	Cell: 114	Cell: 124	14	18. 1.7	4	413. 37.6	
3	129. 9.2	**CLASS**	**AREA** *** AREA**	15	41. 3.7	5	5. 0.4	
4	98. 7.0	0	8. 0.5	16	93. 6.4	6	7. 0.6	
5	8. 0.6	2	93. 6.4	17	48. 3.3	9	49. 4.5	
6	335. 24.0	4	144. 50.1	18	76. 5.3	TOTALS	1097. 100.0	
7	49. 3.5	TOTALS	287. 100.0	19	1089. 75.3		Cell: 134	
8	24. 1.7			20	43. 3.0			
9	9. 0.6	Cell: 115	Cell: 125	21	81. 5.6	**CLASS**	**AREA** *** AREA**	
10	1394. 100.0	**CLASS**	**AREA** *** AREA**	22	1446. 100.0	0	607. 43.3	
Cell: 105	**CLASS**	**AREA** *** AREA**	23		1	34. 2.4		
0	140. 12.4	0	140. 12.4	24		2	0. 0.1	
1	545. 48.4	1	357. 31.7	25		3	67. 4.8	
2	357. 31.7	2	68. 6.1	26		4	643. 45.8	
3	15. 1.3	3	15. 1.3	27		5	5. 0.2	
4	1126. 100.0	4	1126. 100.0	28		6	3. 0.1	
5				29		7	0. 0.1	
6		Cell: 116	Cell: 126	30		8	1. 0.1	
7		**CLASS**	**AREA** *** AREA**	31		9	0. 0.1	
8		0	81. 5.6	32		10	0. 0.1	
9		1	93. 6.4	33		11	44. 3.1	
10		2	104. 7.3	34		12	313. 22.4	
11		3	104. 7.3	35		13	8. 0.6	
12		4	104. 7.3	36		14	232. 16.6	
TOTALS	1412. 100.0	5	104. 7.3	37		15	329. 23.5	
Cell: 106	**CLASS**	**AREA** *** AREA**	6	1119. 77.7	38		16	91. 6.5
0	117. 8.1	7	119. 77.7	39		17	1399. 100.0	
1	102. 7.1	8	127. 8.9	40			Cell: 135	
2	198. 13.7	9	127. 8.9	41				
3	43. 2.9	10	598. 41.9	42				
4	4. 0.2	11	136. 9.5	43				
5	910. 62.8	12	192. 13.4	44				
6	2. 0.1	TOTALS	1371. 100.0	45				
7	35. 2.4			46				
8	37. 2.5	Cell: 117	Cell: 127	47				
TOTALS	1448. 100.0	**CLASS**	**AREA** *** AREA**	48				
Cell: 107	**CLASS**	**AREA** *** AREA**	0	85. 5.9	49			
0	646. 44.4	1	39. 2.7	50				
1	47. 3.2	2	177. 12.3	51				
2	0. 0.1	3	209. 14.6	52				
3	111. 7.6	4	36. 2.4	53				
4	196. 13.5	5	43. 3.0	54				
5	10. 0.7	6	3. 0.2	55				
6	68. 6.1	7	127. 8.9	56				
7	63. 4.6	8	598. 41.9	57				
8	72. 5.3	9	136. 9.5	58				
9	9. 0.7	10	192. 13.4	59				
10	184. 12.6	11	136. 9.5	60				
11	184. 12.6	TOTALS	1371. 100.0	61				
12	184. 12.6			62				
TOTALS	1456. 100.0	Cell: 118	Cell: 128	63				
Cell: 108	**CLASS**	**AREA** *** AREA**	0	104. 7.3	64			
0	64. 3.2	1	104. 7.3	65				
1	2. 0.1	2	104. 7.3	66				
2	111. 7.6	3	104. 7.3	67				
3	196. 13.5	4	104. 7.3	68				
4	10. 0.7	5	104. 7.3	69				
5	13. 2	6	104. 7.3	70				
6	68. 6.1	7	104. 7.3	71				
7	10. 0.7	8	104. 7.3	72				
8	193. 13.2	9	104. 7.3	73				
9	68. 6.1	10	104. 7.3	74				
10	184. 12.6	11	104. 7.3	75				
11	184. 12.6	TOTALS	1456. 100.0	76				
Cell: 109	**CLASS**	**AREA** *** AREA**	0	73. 5.1	77			
0	191. 13.4	1	386. 26.9	78				
1	4. 0.3	2	101. 7.0	79				
2	185. 13.3	3	316. 22.0	80				
3	185. 13.3	TOTALS	1435. 100.0	81				
4	185. 13.3			82				
5	185. 13.3	Cell: 119	Cell: 129	83				
6	185. 13.3	0	101. 7.0	84				
7	37. 2.6	1	16. 1.1	85				
8	72. 5.1	2	101. 7.0	86				
9	184. 12.6	3	156. 10.6	87				
10	184. 12.6	4	386. 26.9	88				
11	184. 12.6	5	386. 26.9	89				
TOTALS	1404. 100.0	6	386. 26.9	90				
Cell: 110	**CLASS**	**AREA** *** AREA**	7	101. 7.0	91			
0	191. 13.4	8	101. 7.0	92				
1	4. 0.3	9	156. 10.6	93				
2	182. 12.7	10	16. 1.1	94				
3	151. 10.8	11	16. 1.1	95				
4	37. 2.6	12	16. 1.1	96				
5	13. 2	TOTALS	1396. 100.0	97				
6	13. 2			98				
7	37. 2.6	Cell: 119	Cell: 129	99				
8	37. 2.6	0	129. 12.2	100				
9	290. 20.3	1	129. 12.2	101				
10	24. 1.7	2	129. 12.2	102				
11	206. 14.4	3	129. 12.2	103				
12	206. 14.4	4	129. 12.2	104				
TOTALS	1430. 100.0	5	129. 12.2	105				
Cell: 111	**CLASS**	**AREA** *** AREA**	6	129. 12.2	106			
0	191. 13.4	7	129. 12.2	107				
1	4. 0.3	8	129. 12.2	108				
2	182. 12.7	9	129. 12.2	109				
3	151. 10.8	10	129. 12.2	110				
4	37. 2.6	11	129. 12.2	111				
5	13. 2	TOTALS	1430. 100.0	112				
6	13. 2			113				
7	37. 2.6	Cell: 119	Cell: 129	114				
8	37. 2.6	0	129. 12.2	115				
9	290. 20.3	1	129. 12.2	116				
10	24. 1.7	2	129. 12.2	117				
11	206. 14.4	3	129. 12.2	118				
12	206. 14.4	4	129. 12.2	119				
TOTALS	1430. 100.0	5	129. 12.2	120				
Cell: 112	**CLASS**	**AREA** *** AREA**	6	129. 12.2	121			
0	191. 13.4	7	129. 12.2	122				
1	4. 0.3	8	129. 12.2	123				
2	182. 12.7	9	129. 12.2	124				
3	151. 10.8	10	129. 12.2	125				
4	37. 2.6	11	129. 12.2	126				
5	13. 2	TOTALS	1430. 100.0	127				
6	13. 2			128				
7	37. 2.6	Cell: 119	Cell: 129	129				
8	37. 2.6	0	129. 12.2	130				
9	290. 20.3	1	129. 12.2	131				
10	24. 1.7	2	129. 12.2	132				
11	206. 14.4	3	129. 12.2	133				
12	206. 14.4	4	129. 12.2	134				
TOTALS	1430. 100.0	5	129. 12.2	135				
Cell: 113	**CLASS**	**AREA** *** AREA**	6	129. 12.2	136			
0	191. 13.4	7	129. 12.2	137				
1	4. 0.3	8	129. 12.2	138				
2	182. 12.7	9	129. 12.2	139				
3	151. 10.8	10	129. 12.2	140				
4	37. 2.6	11	129. 12.2	141				
5	13. 2	TOTALS	1430. 100.0	142				
6	13. 2			143				
7	37. 2.6	Cell: 119	Cell: 129	144				
8	37. 2.6	0	129. 12.2	145				
9	290. 20.3	1	129. 12.2	146				
10	24. 1.7	2	129. 12.2	147				
11	206. 14.4	3	129. 12.2	148				
12	206. 14.4	4	129. 12.2	149				
TOTALS	1430. 100.0	5	129. 12.2	150				
Cell: 114	**CLASS**	**AREA** *** AREA**	6	129. 12.2	151			
0	191. 13.4	7	129. 12.2	152				
1	4. 0.3	8	129. 12.2	153				
2	182. 12.7	9	129. 12.2	154				
3	151. 10.8	10	129. 12.2	155				
4	37. 2.6	11	129. 12.2	156				
5	13. 2	TOTALS	1430. 100.0	157				
6	13. 2			158				
7	37. 2.6	Cell: 119	Cell: 129	159				
8	37. 2.6	0	129. 12.2	160				
9	290. 20.3	1	129. 12.2	161				
10	24. 1.7	2	129. 12.2	162				
11	206. 14.4	3	129. 12.2	163				
12	206. 14.4	4	129. 12.2	164				
TOTALS	1430. 100.0	5	129. 12.2	165				
Cell: 115	**CLASS**	**AREA** *** AREA**	6	129. 12.2	166			
0	191. 13.4	7	129. 12.2	167				
1	4. 0.3	8	129. 12.2	168				
2	182. 12.7	9	129. 12.2	169				
3	151. 10.8	10	129. 12.2	170				
4	37. 2.6	11	129. 12.2</					

Appendix Table 4 (Cont'd)

140 - 149

150 - 156

157 - 166

167 - 174

Cell: 140

Cell: 150

Cell: 157

Cell: 167

CLASS	**AREA**	*** AREA**
0	27.	1.9
2	78.	5.4
4	74.	5.2
6	191.	13.4
8	132.	9.2
9	836.	58.6
10	51.	3.5
11	32.	2.3
12	6.	0.4
TOTALS	1427.	100.0

CLASS	**AREA**	*** AREA**
0	263.	18.5
1	240.	16.9
2	58.	4.1
3	9.	0.6
4	82.	5.8
5	537.	37.9
8	151.	10.7
9	30.	2.1
11	44.	3.1
12	5.	0.4
TOTALS	1418.	100.0

CLASS	**AREA**	*** AREA**
0	7.	0.5
2	10.	0.7
4	242.	16.5
5	19.	1.3
6	56.	3.8
8	146.	10.0
9	852.	58.1
10	24.	1.8
11	102.	7.0
12	6.	0.4
TOTALS	1467.	100.0

CLASS	**AREA**	*** AREA**
0	205.	14.7
1	23.	1.7
2	36.	2.6
4	147.	10.5
5	24.	1.7
6	60.	4.3
8	570.	40.7
9	262.	18.7
11	41.	2.9
12	32.	2.3
TOTALS	1402.	100.0

Cell: 141

Cell: 151

Cell: 157

Cell: 168

CLASS	**AREA**	*** AREA**
2	46.	3.2
4	236.	16.5
6	19.	1.3
8	8.	0.5
9	1052.	73.5
10	62.	4.4
11	8.	0.5
TOTALS	1431.	100.0

CLASS	**AREA**	*** AREA**
0	431.	29.6
1	87.	6.0
2	75.	5.2
3	9.	0.6
4	196.	13.5
5	552.	37.9
6	2.	0.1
8	13.	0.9
9	7.	0.5
TOTALS	1418.	100.0

CLASS	**AREA**	*** AREA**
0	7.	0.5
2	10.	0.7
4	242.	16.5
5	19.	1.3
6	56.	3.8
8	146.	10.0
9	24.	1.7
10	60.	4.3
11	41.	2.9
12	32.	2.3
TOTALS	1402.	100.0

Cell: 142

Cell: 151

Cell: 158

Cell: 168

CLASS	**AREA**	*** AREA**
0	72.	5.3
2	153.	11.2
4	106.	7.8
6	2.	0.1
7	7.	0.5
8	172.	12.6
9	462.	33.9
10	99.	7.3
11	288.	21.2
TOTALS	1360.	100.0

CLASS	**AREA**	*** AREA**
0	347.	23.9
2	15.	1.0
3	17.	1.2
4	568.	39.1
5	371.	25.5
6	3.	0.2
8	91.	6.3
9	6.	0.4
TOTALS	1457.	100.0

CLASS	**AREA**	*** AREA**
0	49.	3.5
1	28.	2.0
2	85.	6.0
4	204.	14.5
6	18.	1.3
7	30.	2.1
8	206.	14.6
9	537.	38.1
10	49.	3.5
11	203.	14.4
TOTALS	1445.	100.0

CLASS	**AREA**	*** AREA**
0	326.	23.0
2	64.	4.5
3	210.	14.8
4	76.	5.4
5	86.	6.0
6	18.	1.3
8	516.	36.4
9	34.	2.4
11	25.	1.7
12	63.	4.4
TOTALS	1439.	100.0

Cell: 143

Cell: 152

Cell: 159

Cell: 169

CLASS	**AREA**	*** AREA**
0	54.	3.8
1	62.	4.4
2	193.	13.7
4	252.	17.9
6	6.	0.4
7	47.	3.4
8	87.	6.2
9	348.	24.7
10	77.	5.5
11	281.	20.0
12	1.	0.1
TOTALS	1410.	100.0

CLASS	**AREA**	*** AREA**
0	245.	16.8
2	35.	2.4
3	78.	5.3
4	198.	13.5
5	659.	45.1
6	27.	1.8
8	44.	3.0
9	16.	1.1
TOTALS	1451.	100.0

CLASS	**AREA**	*** AREA**
0	21.	1.4
1	199.	13.7
2	106.	7.3
4	42.	2.9
6	24.	1.7
7	137.	9.5
8	525.	36.2
9	239.	16.5
10	62.	4.3
11	96.	6.7
TOTALS	1408.	100.0

CLASS	**AREA**	*** AREA**
0	21.	1.4
1	20.	1.4
2	162.	11.2
4	528.	36.5
5	350.	24.2
6	34.	2.4
8	11.	0.7
9	152.	10.5
12	8.	0.6
TOTALS	1446.	100.0

Cell: 144

Cell: 154

Cell: 160

Cell: 170

CLASS	**AREA**	*** AREA**
0	118.	8.5
1	542.	39.1
4	727.	52.4
TOTALS	1387.	100.0

CLASS	**AREA**	*** AREA**
0	87.	6.0
2	61.	4.2
3	256.	17.8
4	319.	22.2
5	47.	3.3
6	11.	0.8
8	70.	4.9
9	254.	17.7
TOTALS	1440.	100.0

CLASS	**AREA**	*** AREA**
0	93.	6.4
1	697.	47.7
4	672.	46.0
TOTALS	1462.	100.0

CLASS	**AREA**	*** AREA**
0	267.	18.3
2	141.	9.7
3	275.	18.8
4	243.	16.7
5	54.	3.7
6	22.	1.5
9	15.	1.0
10	45.	3.1
11	67.	4.6
12	330.	22.6
TOTALS	1458.	100.0

Cell: 145

Cell: 162

Cell: 164

Cell: 173

CLASS	**AREA**	*** AREA**

<tbl_r cells="3" ix="4" maxcspan="1" maxrspan="1

Appendix Table 4 (Cont'd)

175 - 183

184 - 190

191 - 199

200 - 207

Cell: 175		Cell: 184		Cell: 191		Cell: 200		
CLASS	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**
0	5.	0.4	0	95.	6.6	0	106.	7.3
2	53.	3.7	2	51.	3.6	1	3.	0.2
4	156.	10.9	3	189.	13.1	2	31.	2.1
5	1.	0.1	4	89.	6.2	4	504.	34.8
6	21.	1.5	5	324.	22.5	6	13.	0.9
8	161.	11.3	6	48.	3.3	8	99.	6.8
9	1024.	71.4	8	453.	31.5	9	166.	11.5
10	2.	0.2	9	34.	2.3	11	393.	27.1
11	10.	0.7	10	139.	9.6	12	134.	9.2
TOTALS	1434.	100.0	11	4.	0.3	TOTALS	1451.	100.0
			12	14.	0.9			
			TOTALS	1439.	100.0			
Cell: 176		Cell: 185		Cell: 192		Cell: 201		
CLASS	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**
0	36.	2.5	0	181.	12.5	0	53.	3.7
2	115.	8.0	1	21.	1.5	1	28.	2.0
4	86.	6.0	2	147.	10.2	2	214.	14.9
6	153.	10.8	3	63.	4.4	3	115.	8.0
7	70.	4.9	4	21.	1.5	4	34.	2.3
8	494.	34.7	5	184.	12.9	5	70.	4.8
9	283.	19.8	6	32.	2.2	6	719.	50.0
10	91.	6.4	7	32.	2.2	7	42.	2.9
11	98.	6.9	8	80.	5.6	8	114.	7.9
TOTALS	1427.	100.0	9	2.	0.1	9	2.	0.1
			10	636.	44.6	10	48.	3.3
			11	76.	5.3	TOTALS	1440.	100.0
			12	200.	14.0			
			TOTALS	1428.	100.0			
Cell: 177		Cell: 186		Cell: 193		Cell: 202		
CLASS	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**
0	28.	2.1	0	34.	2.5	0	52.	3.6
1	333.	24.9	1	1.	0.1	1	52.	3.7
2	28.	2.1	2	85.	6.1	2	267.	18.7
4	143.	10.7	3	97.	7.0	3	69.	4.8
6	16.	1.2	4	35.	2.5	4	178.	12.5
7	58.	4.4	5	193.	14.0	5	43.	3.0
8	276.	20.6	6	637.	46.1	6	630.	44.1
9	334.	25.0	7	132.	9.5	7	19.	1.4
10	53.	4.0	8	167.	12.1	8	96.	6.7
11	67.	5.0	9	90.	6.3	9	21.	1.5
TOTALS	1337.	100.0	10	953.	66.2	TOTALS	1439.	100.0
			11	35.	2.4			
			12	120.	8.3			
			TOTALS	1428.	100.0			
Cell: 178		Cell: 187		Cell: 194		Cell: 203		
CLASS	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**
0	74.	5.8	0	15.	1.1	0	19.	1.3
1	843.	66.0	1	609.	43.8	1	122.	8.6
2	2.	0.2	2	6.	0.5	2	85.	6.0
4	356.	27.8	3	167.	12.0	3	26.	1.8
9	1.	0.1	4	8.	0.6	4	144.	10.1
11	1.	0.1	5	2.	0.1	5	736.	51.7
TOTALS	1278.	100.0	6	349.	26.5	TOTALS	1423.	100.0
			7	58.	4.2			
			8	90.	6.5			
			TOTALS	1391.	100.0			
Cell: 179		Cell: 188		Cell: 195		Cell: 204		
CLASS	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**
0	121.	9.7	0	13.	0.9	0	8.	0.6
1	184.	14.9	1	66.	4.7	1	71.	4.9
4	923.	74.6	2	788.	56.4	2	298.	20.4
8	9.	0.7	3	44.	3.2	3	89.	6.1
TOTALS	1238.	100.0	4	100.	7.1	4	305.	20.9
			5	82.	5.9	TOTALS	1423.	100.0
			TOTALS	1396.	100.0			
Cell: 180		Cell: 189		Cell: 196		Cell: 205		
CLASS	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**
0	5.	9.7	0	15.	1.1	0	9.	0.6
1	22.	40.1	1	609.	43.8	1	41.	5.4
2	16.	28.4	2	6.	0.5	2	233.	30.9
4	5.	9.5	3	16.	1.1	3	455.	60.4
5	3.	5.5	4	173.	12.3	4	25.	3.3
11	4.	6.7	5	349.	24.8	TOTALS	753.	100.0
TOTALS	55.	100.0	6	157.	11.2			
			7	76.	5.4			
			8	81.	5.7			
			TOTALS	1406.	100.0			
Cell: 181		Cell: 197		Cell: 198		Cell: 206		
CLASS	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**
0	289.	35.8	0	34.	2.4	0	43.	3.2
1	99.	12.3	1	302.	21.5	1	102.	19.2
2	17.	2.1	2	95.	6.7	2	164.	30.7
4	56.	6.9	3	173.	12.3	3	27.	5.0
5	224.	27.8	4	349.	24.8	4	54.	10.2
8	90.	11.1	5	157.	11.2	5	151.	28.4
11	32.	4.0	6	81.	5.7	6	8.	1.5
TOTALS	808.	100.0	7	123.	8.7	7	26.	5.0
			8	309.	21.5	TOTALS	533.	100.0
			TOTALS	1439.	100.0			
Cell: 182		Cell: 199		Cell: 207		Cell: 208		
CLASS	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**
0	33.	6.2	0	43.	3.2	0	76.	5.3
1	266.	49.6	1	1048.	78.4	1	58.	4.0
2	27.	5.0	2	38.	2.9	2	659.	45.8
4	65.	12.1	3	123.	8.5	3	142.	10.1
5	83.	15.4	4	36.	2.5	4	115.	8.6
8	50.	9.4	5	143.	9.9	5	15.	1.1
11	12.	2.3	6	233.	16.2	6	37.	2.8
TOTALS	537.	100.0	7	57.	4.0	TOTALS	1335.	100.0
			TOTALS	1428.	100.0			
Cell: 183		Cell: 190		Cell: 199		Cell: 207		
CLASS	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**
0	119.	9.5	0	57.	4.0	0	172.	12.2
1	96.	7.7	1	2.	0.1	1	324.	23.0
2	41.	3.3	2	13.	0.9	2	162.	11.5
4	159.	12.7	3	2.	0.2	4	142.	10.1
5	509.	40.7	4	1001.	70.1	5	110.	7.8
6	3.	0.3	6	24.	1.7	6	34.	0.3
8	266.	21.3	8	9.	0.7	8	171.	12.1
9	15.	1.2	9	141.	9.8	9	243.	17.3
11	42.	3.4	11	53.	3.7	11	80.	5.7
TOTALS	1250.	100.0	12	125.	8.7	TOTALS	1409.	100.0
			TOTALS	1428.	100.0			

Appendix Table 4 (Cont'd)

208 - 216

217 - 224

225 - 232

233 - 241

Cell: 208			Cell: 217			Cell: 225			Cell: 233		
CLASS			**AREA**			**CLASS**			**AREA**		
0	104.	7.3	0	161.	11.0	0	7.	0.9	0	25.	1.7
2	101.	7.1	2	4.	0.2	1	648.	78.7	2	236.	16.2
4	23.	1.6	3	152.	10.4	2	2.	0.2	3	30.	2.0
6	46.	3.2	4	416.	28.5	4	151.	18.4	4	67.	4.6
8	216.	15.1	5	389.	26.6	9	11.	1.3	5	397.	27.2
9	701.	49.1	6	14.	0.9	11	3.	0.3	6	30.	2.1
10	180.	12.6	8	207.	14.2	12	1.	0.2	8	452.	31.3
11	44.	3.1	9	6.	0.4	TOTALS	824.	100.0	10	29.	2.0
12	14.	1.0	10	23.	1.6				11	160.	10.9
TOTALS	1430.	100.0	11	68.	4.6				12	30.	2.1
Cell: 209			TOTALS			Cell: 226			TOTALS		
			1461.						1462.		
CLASS			**AREA**			**CLASS**			**AREA**		
0	16.	1.1	0	10.	0.7	0	84.	6.7	0	10.	0.7
2	29.	2.0	2	76.	5.3	1	238.	18.9	2	185.	12.8
4	60.	4.2	3	49.	3.4	4	933.	74.4	3	6.	0.4
6	7.	0.5	4	107.	7.4	TOTALS	1254.	100.0	4	32.	2.2
7	1.	0.1	5	729.	50.4				5	58.	4.0
8	120.	8.4	6	45.	3.1				8	584.	40.6
9	856.	59.9	8	118.	8.2						
11	133.	9.3	10	28.	1.9						
12	207.	14.5	11	275.	19.0						
TOTALS	1428.	100.0	12	8.	0.5						
Cell: 210			TOTALS			Cell: 227			TOTALS		
			1446.						1445.		
CLASS			**AREA**			**CLASS**			**AREA**		
0	12.	1.8	0	6.	0.4	0	129.	10.2	10	103.	7.2
1	158.	23.8	2	67.	4.6	1	58.	4.6	11	175.	12.1
2	2.	0.4	3	179.	12.3	2	31.	2.5	12	181.	12.6
4	161.	24.1	4	73.	5.0	TOTALS	1256.	100.0	2	1446.	100.0
6	1.	0.2	5	505.	34.7						
7	2.	0.3	6	36.	2.5						
8	62.	9.4	8	250.	17.1						
9	182.	27.3	10	26.	1.8						
11	49.	7.4	11	298.	20.5						
12	36.	5.5	12	16.	1.1						
TOTALS	667.	100.0	TOTALS	1456.	100.0						
Cell: 211			Cell: 219			Cell: 235			Cell: 236		
			4						0		
CLASS			707.			29.			29.		
0	121.	1.8	5	211.	16.8	1	276.	19.1	2	52.	3.6
1	158.	23.8	8	17.	1.4	2	345.	24.9	3	3.	0.2
2	2.	0.4	9	15.	1.2	4	11.	0.6	4	86.	6.0
4	161.	24.1	TOTALS	1256.	100.0	5	74.	5.9	6	23.	1.6
6	1.	0.2				6	6.	0.4	7	21.	0.1
7	2.	0.3				8	102.	7.4	8	916.	63.3
8	62.	9.4				9	229.	16.5	9	276.	19.1
9	182.	27.3				10	2.	0.1	10	9.	0.6
11	49.	7.4				11	192.	13.9	11	8.	0.6
12	36.	5.5				12	66.	4.8	12	55.	3.8
TOTALS	667.	100.0				TOTALS	1384.	100.0			
Cell: 212			Cell: 220			Cell: 237			Cell: 238		
			5			0			0		
CLASS			1456.			255.			162.		
0	35.	2.5	6	57.	3.9	1	345.	24.9	1	2.	0.1
1	876.	61.3	3	31.	2.1	2	6.	0.4	2	41.	2.8
4	517.	36.2	4	68.	4.7	3	11.	5.9	3	86.	6.0
TOTALS	1428.	100.0	5	53.	3.6	4	102.	7.4	4	174.	12.0
Cell: 213			TOTALS			Cell: 228			Cell: 239		
			1456.			0			0		
CLASS			Cell: 221			25.			162.		
0	107.	7.4	1	107.	7.4	1	97.	6.8	1	2.	0.1
1	5.	0.3	2	21.	1.5	2	40.	2.8	2	52.	3.6
2	45.	3.5	3	6.	0.4	3	311.	21.6	3	3.	0.2
3	7.	0.5	4	1.	0.1	4	51.	3.5	4	15.	1.1
4	118.	9.2	5	938.	64.8	5	55.	3.8	5	114.	8.2
5	250.	19.5	6	37.	2.5	6	803.	56.3	6	80.	5.8
8	94.	7.3	7	9.	0.6	7	14.	1.0	7	15.	1.1
9	53.	4.1	8	127.	9.0	8	267.	18.8	8	188.	13.5
11	239.	18.6	9	695.	49.4	9	17.	1.2	9	492.	34.0
TOTALS	1286.	100.0	10	181.	12.9	10	2.	0.1	10	155.	11.1
Cell: 214			TOTALS			Cell: 229			Cell: 240		
			1447.			0			0		
CLASS			**AREA**			33.			14.		
0	140.	9.5	1	100.	7.1	1	19.	1.3	1	15.	1.1
1	4.	0.2	2	38.	2.6	2	428.	17.3	2	62.	4.5
2	21.	1.5	3	13.	0.9	3	89.	6.2	3	2.	0.2
4	295.	20.4	4	173.	11.7	4	39.	2.7	4	114.	8.2
6	6.	0.4	5	10.	0.7	5	293.	20.5	5	80.	5.8
7	0.1		6	475.	32.4	6	94.	6.6	6	11.	1.1
8	579.	39.4	7	579.	39.4	7	14.	1.0	7	82.	11.0
9	201.	13.8	8	4.	0.2	8	267.	18.8	8	186.	24.9
10	403.	27.6	10	181.	12.9	9	17.	1.2	9	49.	5.9
11	87.	5.9	11	27.	1.9	10	2.	0.1	10	21.	2.8
TOTALS	1464.	100.0	12	23.	1.7	11	85.	6.0	11	127.	100.0
Cell: 215			TOTALS			Cell: 231			Cell: 241		
			1470.			0			0		
CLASS			**AREA**			115.			101.		
0	39.	2.6	1	100.	7.1	1	64.	4.5	1	603.	50.9
2	148.	10.0	2	10.	0.7	2	62.	4.4	2	480.	40.5
3	160.	10.8	3	10.	0.7	3	33.	2.3	3	2.	0.2
4	224.	15.1	4	51.	3.6	4	128.	9.0	4	1186.	100.0
5	351.	23.7	5	79.	5.6	5	421.	29.6	5	25.	2.0
6	25.	1.7	6	127.	9.0	6	25.	1.8	6	40.	5.9
8	397.	26.7	7	695.	49.4	7	372.	26.1	7	2.	0.2
9	16.	1.1	8	181.	12.9	8	17.	1.2	8	284.	38.1
10	43.	2.9	10	27.	1.9	10	17.	1.2	10	20.	15.4
11	30.	2.0	11	127.	8.8	11	85.	6.0	11	127.	100.0
12	52.	3.5	12	127.	8.8	12	89.	6.3	12	23.	4.0
TOTALS	1484.	100.0	TOTALS	1406.	100.0	TOTALS	1425.	100.0	TOTALS	1424.	100.0
Cell: 216			Cell: 224			Cell: 232			Cell: 242		
			48.			0			0		
CLASS			191.			1.			1.		
0	100.	7.1	1	10.	0.7	1	5.	0.4	1	23.	2.0
2	166.	11.2	2	12.	0.8	2	62.	4.4	2	30.	2.1
3	114.	7.7	3	320.	22.1	3	33.	2.3	3	37.	2.2
4	195.</td										

Appendix Table 4 (Cont'd)

242 - 250

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Cell: 242

CLASS	**AREA**	*** AREA**
0	17.	2.0
1	44.	5.2
3	14.	1.7
4	306.	35.9
5	184.	21.7
8	250.	29.3
11	34.	4.0
12	2.	0.3
TOTALS	852.	100.0

Cell: 243

CLASS	**AREA**	*** AREA**
0	216.	14.9
2	11.	0.8
3	47.	3.3
4	182.	12.5
5	493.	34.0
8	434.	29.9
11	66.	4.6
12	2.	0.1
TOTALS	1451.	100.0

Cell: 244

CLASS	**AREA**	*** AREA**
0	182.	12.8
2	21.	1.5
3	90.	6.3
4	263.	18.4
5	112.	7.8
8	457.	32.0
11	228.	16.0
12	75.	5.2
TOTALS	1429.	100.0

Cell: 245

CLASS	**AREA**	*** AREA**
0	53.	3.8
2	96.	6.9
4	239.	17.2
5	6.	0.4
6	32.	2.3
8	832.	59.9
11	128.	9.2
12	3.	0.2
TOTALS	1388.	100.0

Cell: 246

CLASS	**AREA**	*** AREA**
0	137.	9.6
2	82.	5.7
4	447.	31.2
5	20.	1.4
6	120.	8.4
8	389.	27.2
11	221.	15.5
12	14.	1.0
TOTALS	1430.	100.0

Cell: 247

CLASS	**AREA**	*** AREA**
0	248.	17.4
2	97.	6.8
4	232.	16.3
5	87.	6.1
6	78.	5.5
8	360.	25.3
11	273.	19.2
12	49.	3.5
TOTALS	1424.	100.0

Cell: 248

CLASS	**AREA**	*** AREA**
0	485.	34.2
2	717.	50.6
3	2.	0.1
4	103.	7.3
6	13.	0.9
8	72.	5.1
11	25.	1.8
TOTALS	1417.	100.0

Cell: 249

CLASS	**AREA**	*** AREA**
0	726.	50.3
2	174.	12.1
3	50.	3.5
4	33.	2.3
6	30.	2.1
8	260.	18.0
11	99.	6.8
12	71.	4.9
TOTALS	1444.	100.0

Cell: 250

CLASS	**AREA**	*** AREA**
0	251.	17.6
2	19.	1.3
4	53.	3.7
6	124.	8.7
8	931.	65.4
11	34.	2.4
12	12.	0.8
TOTALS	1423.	100.0

Cell: 251

CLASS	**AREA**	*** AREA**
0	39.	2.7
1	8.	0.5
2	81.	5.6
4	138.	9.4
5	2.	0.1
6	27.	1.9
8	884.	60.5
9	249.	17.0
11	12.	0.8
12	21.	1.4
TOTALS	1461.	100.0

Cell: 252

CLASS	**AREA**	*** AREA**
0	229.	16.1
1	7.	0.5
2	80.	5.6
4	342.	24.1
5	27.	1.9
6	24.	1.7
8	503.	35.4
9	200.	14.1
11	7.	0.5
12	1.	0.1
TOTALS	1420.	100.0

Cell: 253

CLASS	**AREA**	*** AREA**
0	56.	13.6
1	96.	23.1
4	79.	19.2
8	159.	38.5
9	23.	5.7
TOTALS	1414.	100.0

Cell: 254

CLASS	**AREA**	*** AREA**
0	47.	3.4
1	1168.	84.3
4	168.	12.1
8	3.	0.2
TOTALS	1385.	100.0

Cell: 255

CLASS	**AREA**	*** AREA**
0	30.	2.1
1	960.	67.0
4	374.	26.1
8	67.	4.7
TOTALS	1432.	100.0

Cell: 256

CLASS	**AREA**	*** AREA**
0	92.	6.2
1	4.	0.3
4	333.	84.3
5	1.	0.1
TOTALS	395.	100.0

Cell: 257

CLASS	**AREA**	*** AREA**
0	506.	34.2
2	111.	7.5
3	3.	0.2
4	189.	12.8
6	7.	0.5
8	326.	22.0
11	196.	13.3
12	134.	9.1
TOTALS	1479.	100.0

Cell: 258

CLASS	**AREA**	*** AREA**
0	201.	14.2
2	73.	5.2
4	182.	12.9
5	13.	0.9
6	89.	6.3
8	679.	48.1
11	169.	12.0
12	5.	0.3
TOTALS	1410.	100.0

Cell: 261

CLASS	**AREA**	*** AREA**
0	53.	3.6
1	86.	5.8
4	248.	16.9
5	33.	2.3
6	744.	50.9
8	248.	17.0
TOTALS	1464.	100.0

Cell: 262

CLASS	**AREA**	*** AREA**
0	385.	26.5
2	127.	8.7
4	240.	16.5
5	4.	0.3
6	110.	7.6
8	195.	13.4
11	279.	19.2
12	115.	7.9
TOTALS	1454.	100.0

Cell: 263

CLASS	**AREA**	*** AREA**
0	564.	38.7
2	191.	13.1
4	4.	0.3
5	85.	5.8
8	550.	37.7
11	31.	2.1
12	28.	1.9
TOTALS	1457.	100.0

Cell: 264

CLASS	**AREA**	*** AREA**
0	624.	42.7
2	143.	9.8
3	14.	1.0
5	3.	0.2
6	61.	4.2
8	500.	34.2
10	7.	0.5
11	64.	4.4
12		

Appendix Table 4 (Cont'd)

279 - 288

289 - 298

299 - 307

308 - 317

Cell: 279		Cell: 289		Cell: 299		Cell: 308	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	516.	0	60.	1	11.	0	181.
2	32.	1	2.	2	32.1	5.	12.7
4	44.	2	230.	4	20.	2.	0.3
6	117.	2	157.	5	61.1	3	23.2
8	518.	4	41.	5	6.8	2	24.4
9	62.	5	51.	6	100.0	4	0.3
10	3.	6	3.5	7		5	
11	84.	8	827.	8		6	1.7
12	52.	10	5.5	9		8	27.9
TOTALS	1428.	11	0.1	10		11	2.1
	100.0	12		12		12	7.3
		TOTALS	1453.	13		TOTALS	1426.
			100.0	14			100.0
Cell: 280		Cell: 290		Cell: 300		Cell: 309	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	61.	0	120.	1	11.	0	213.
1	219.	2	293.	2	20.5	2	15.4
2	128.	4	40.	3	3.6	2	17.8
4	104.	5	77.	4	265.	4	24.0
5	90.	6	25.	5	28.8	5	0.2
6	27.	8	584.	6	100.0	6	2.6
7	8.	10	40.8	7		8	37.2
8	634.	11	80.	8		9	0.6
9	74.	12	5.6	9		10	2.1
10	55.	TOTALS	1431.	11		TOTALS	1386.
11	3.8		100.0	12			100.0
12	26.			13			
TOTALS	1437.	14		14			
	100.0			15			
Cell: 281		Cell: 291		Cell: 301		Cell: 310	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	10.	0	221.	1	15.2	0	67.
1	116.	2	240.	2	16.5	1	197.
2	3.	3	5.	3	100.0	2	30.0
4	27.	4	18.	4		3	393.
5	32.	5	1.2	5		4	59.8
8	38.	6	91.	6		5	100.0
9	2.	8	6.3	7			
11	2.	TOTALS	1450.	8			
TOTALS	230.	100.0		9			
				10			
Cell: 283		Cell: 292		Cell: 302		Cell: 312	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	3.	0	188.	1	1.8	0	245.
1	664.	2	574.	2	0.7	1	16.8
4	108.	4	33.	3	100.0	2	27.
TOTALS	775.	6	2.3	4		3	3.1
	100.0	8	31.	5		4	693.
		TOTALS	1450.	10		5	80.2
			100.0	11		6	128.
Cell: 284		Cell: 293		Cell: 303		Cell: 313	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	2.	0	18.	1	1.2	0	28.
1	967.	1	5.	2	0.4	1	222.
2	72.9	2	0.3	3	0.4	2	47.1
4	4.5	3		4	100.0	3	5.9
TOTALS	1326.	4		5		4	
	100.0	5		6		5	
Cell: 285		Cell: 294		Cell: 304		Cell: 314	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	167.	0	104.	1	1.8	0	95.
1	44.6	1	7.3	2	0.7	1	179.
2	22.5	2	10.	3	1.4	2	19.0
4	298.	3	0.7	4	4.8	3	33.
TOTALS	1326.	4	30.3	5	100.0	4	3.5
	100.0	5	0.6	6		5	0.9
		6	52.3	7		6	0.9
Cell: 286		Cell: 295		Cell: 305		Cell: 315	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	51.7	9	104.	1	13.9	0	48.
1	72.9	10	7.3	2	2.3	1	5.0
2	4.5	11	0.7	3	2.2	2	6.4
4	22.5	12	110.	4	4.8	3	7.1
TOTALS	1326.	13	7.7	5	100.0	4	17.1
	100.0	14	1.0	6		5	20.0
		15	31.	7		6	33.
Cell: 287		Cell: 296		Cell: 306		Cell: 316	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	51.7	10	128.	1	1.8	0	48.
1	72.9	11	8.9	2	0.8	1	62.
2	4.5	12	612.	3	3.9	2	6.4
4	22.5	13	42.7	4	4.5	3	7.1
TOTALS	1326.	14	104.	5	100.0	4	17.1
	100.0	15	7.3	6		5	20.0
		16	62.	7		6	33.
Cell: 288		Cell: 297		Cell: 307		Cell: 317	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	51.7	1	154.	1	1.8	0	133.
1	72.9	2	4.	2	0.8	1	98.
2	4.5	3	0.9	3	3.9	2	7.1
4	22.5	4	189.	4	4.5	3	315.
TOTALS	1326.	5	43.2	5	100.0	4	22.9
	100.0	6	22.3	6		5	0.3
		7	94.	7		6	387.
Cell: 289		Cell: 298		Cell: 308		Cell: 318	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	51.7	1	320.	1	13.9	0	429.
1	72.9	2	22.3	2	2.3	1	30.0
2	4.5	3	94.	3	2.2	2	2.2
4	22.5	4	18.	4	4.8	3	335.
TOTALS	1326.	5	1.2	5	100.0	4	34.7
	100.0	6	1.2	6		5	44.4
		7	31.	7		6	44.4
Cell: 290		Cell: 299		Cell: 309		Cell: 319	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	51.7	1	689.	1	1.8	0	513.
1	72.9	2	48.0	2	0.8	1	37.0
2	4.5	3	67.	3	2.2	2	4.5
4	22.5	4	4.6	4	4.8	3	37.0
TOTALS	1326.	5	100.0	5	100.0	4	100.0
		6	205.	6		5	
Cell: 291		Cell: 300		Cell: 310		Cell: 320	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	51.7	1	10.	1	1.8	0	192.
1	72.9	2	7.8	2	0.7	1	13.9
2	4.5	3	31.	3	2.2	2	2.3
4	22.5	4	1.2	4	4.8	3	4.8
TOTALS	1326.	5	100.0	5	100.0	4	100.0
		6	13.	6		5	
Cell: 292		Cell: 301		Cell: 311		Cell: 321	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	51.7	1	57.	1	1.8	0	95.
1	72.9	2	3.6	2	0.7	1	19.0
2	4.5	3	343.	3	2.2	2	3.1
4	22.5	4	19.3	4	4.8	3	4.8
TOTALS	1326.	5	100.0	5	100.0	4	100.0
		6	10.	6		5	
Cell: 293		Cell: 302		Cell: 312		Cell: 322	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	51.7	1	10.	1	1.8	0	245.
1	72.9	2	0.7	2	0.7	1	13.9
2	4.5	3	10.	3	2.2	2	2.3
4	22.5	4	1.4	4	4.8	3	4.8
TOTALS	1326.	5	100.0	5	100.0	4	100.0
		6	24.	6		5	
Cell: 294		Cell: 303		Cell: 313		Cell: 323	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	51.7	1	10.	1	1.8	0	245.
1	72.9	2	0.7	2	0.7	1	13.9
2	4.5	3	10.	3	2.2	2	2.3
4	22.5	4	1.4	4	4.8	3	4.8
TOTALS	1326.	5	100.0	5	100.0	4	100.0
		6	24.	6		5	
Cell: 295		Cell: 304		Cell: 314		Cell: 324	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	51.7	1	10.	1	1.8	0	245.
1	72.9	2	0.7	2	0.7	1	13.9
2	4.5	3	10.	3	2.2	2	2.3
4	22.5	4	1.4	4	4.8	3	4.8
TOTALS	1326.	5	100.0	5	100.0	4	100.0
		6	24.	6		5	
Cell: 296		Cell: 305		Cell: 315		Cell: 325	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	51.7	1	10.	1	1.8	0	245.
1	72.9	2	0.7	2	0.7	1	13.9
2	4.5	3	10.	3	2.2	2	2.3
4	22.5	4	1.4	4	4.8	3	4.8
TOTALS	1326.	5	100.0	5	100.0	4	100.0
		6	24.	6		5	
Cell: 297		Cell: 306		Cell: 316		Cell: 326	
CLASS	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**	**CLASS**	**AREA**
0	51.7	1	10.	1	1.8	0	245.
1	72.9	2	0.7	2	0.7	1	13.9

Appendix Table 4 (Cont'd)

318 - 326

328 - 336

337 - 347

348 - 355

Cell: 318			Cell: 328			Cell: 337			Cell: 348		
CLASS	**AREA**	*** AREA**									
0	463.	31.5	0	30.	6.8	0	138.	9.7	0	322.	23.2
1	11.	0.8	1	132.	29.4	1	186.	13.0	2	225.	16.3
2	77.	5.3	4	38.	8.6	2	83.	5.8	3	73.	5.3
3	25.	1.7	6	1.	0.3	4	123.	8.6	4	165.	11.9
4	20.	1.3	8	59.	13.2	5	41.	2.8	8	192.	13.8
5	123.	8.4	9	187.	41.8	6	51.	3.6	11	314.	22.7
6	630.	42.9	TOTALS	448.	100.0	8	432.	30.2	12	95.	6.9
7	104.	7.1				11	350.	24.5	TOTALS	1386.	100.0
8	14.	0.9				12	26.	1.8			
9	3.	0.2				TOTALS	1429.	100.0			
TOTALS	1470.	100.0									
Cell: 319			Cell: 329			Cell: 339			Cell: 349		
CLASS	**AREA**	*** AREA**									
0	492.	35.2	0	6.	6.7	0	135.	9.3	0	672.	45.7
1	21.	1.5	1	46.	52.7	1	16.	1.1	2	12.	0.8
2	44.	3.2	4	13.	15.5	2	6.	0.4	3	112.	7.6
3	17.	1.2	9	22.	25.1	5	18.	1.3	4	224.	15.3
4	94.	6.7	TOTALS	87.	100.0	8	521.	35.6	6	62.	4.2
5	663.	47.5	**CLASS**	**AREA**	*** AREA**	11	739.	50.5	7	4.	0.3
6	7.	0.5	0	3.	5.5	12	27.	1.9	TOTALS	1461.	100.0
7	35.	2.5	1	25.	55.3						
8	23.	1.6	2	1.	3.1						
9	1397.	100.0	4	11.	24.2						
TOTALS	1470.	100.0	5	2.	4.4						
Cell: 320			Cell: 330			Cell: 339			Cell: 350		
CLASS	**AREA**	*** AREA**									
0	258.	18.2	0	469.	32.2	0	469.	32.2	0	399.	27.6
1	15.	1.1	1	46.	99.8	1	21.	1.4	1	85.	5.9
2	1.	0.1	4	53.	3.6	2	241.	16.6	2	94.	6.5
3	47.	3.3	TOTALS	87.	100.0	8	560.	38.4	3	99.	6.8
4	32.	2.3	1	57.	4.1	11	82.	5.6	4	1456.	100.0
5	10.	0.7	2	478.	34.9	12	303.	21.5	5	9.	0.6
6	656.	46.4	3	56.	4.1	4	75.	5.3	6	43.	2.9
7	30.	2.1	4	390.	28.5	5	58.	4.1			
8	357.	25.3	5	108.	7.9	6	464.	32.9			
9	6.	0.4	6	95.	6.9	7	5.	0.3			
TOTALS	1412.	100.0	7	137.	10.0	8	39.	2.8			
Cell: 321			Cell: 332			Cell: 351			Cell: 352		
CLASS	**AREA**	*** AREA**									
0	80.	5.6	0	142.	9.7	0	297.	20.3	0	410.	29.1
1	63.	4.4	1	93.	6.4	1	502.	34.4	2	35.	2.5
2	106.	7.3	2	299.	20.3	2	32.	2.2	3	15.	1.1
3	5.	0.3	4	281.	19.1	3	53.	3.6	4	5.	0.3
4	845.	58.5	5	32.	2.2	4	1460.	100.0	5	70.	5.0
5	344.	23.8	6	15.	1.1	5	208.	14.8	6	129.	9.1
6	1.	0.1	7	216.	14.7	7	303.	21.5	7	669.	47.5
7	1345.	100.0	8	355.	24.2	8	8.	0.5	8	41.	2.9
TOTALS	1445.	100.0	9	34.	2.3	9	17.	1.2	9	34.	2.4
Cell: 322			TOTALS			Cell: 353			Cell: 354		
CLASS	**AREA**	*** AREA**									
0	236.	16.6	0	186.	31.8	0	157.	19.4	0	186.	12.9
1	46.	3.2	1	97.	18.	1	150.	18.5	1	114.	7.9
2	547.	38.4	2	37.	2.5	2	201.	24.9	2	80.	5.6
3	28.	2.0	3	587.	40.7	3	211.	26.1	3	17.	1.2
4	270.	18.9	4	11.	0.8	4	9.	1.1	4	522.	36.2
5	48.	3.4	5	241.	16.7	5	30.	3.7	5	131.	9.1
6	201.	14.1	6	5.	0.3	6	43.	5.3	6	41.	2.9
7	49.	3.4	7	186.	12.9	7	48.	11.5	7	338.	23.5
TOTALS	1427.	100.0	8	197.	13.7	8	48.	11.5	8	11.	0.7
Cell: 323			TOTALS			Cell: 353			Cell: 354		
CLASS	**AREA**	*** AREA**									
0	11.	0.8	0	145.	10.2	0	71.	17.1	0	424.	29.2
1	11.	0.8	1	412.	26.9	1	121.	29.3	1	17.	1.2
2	1359.	98.5	2	72.	5.1	2	165.	39.8	2	828.	57.1
TOTALS	1380.	100.0	3	133.	9.3	3	10.	2.3	3	15.	1.0
Cell: 324			TOTALS			Cell: 353			Cell: 354		
CLASS	**AREA**	*** AREA**									
0	302.	21.1	0	558.	39.1	0	849.	62.1	0	332.	23.4
1	36.	2.5	1	31.	2.2	1	17.	1.3	1	10.	0.7
2	366.	25.5	2	3.	0.2	2	294.	21.5	2	2.	0.1
3	440.	30.7	TOTALS	1425.	100.0	5	57.	4.2	5	2.	0.1
4	28.	1.9	6	106.	7.2	6	9.	0.6	6	11.	0.8
5	202.	14.1	7	646.	43.7	7	54.	3.9	7	332.	23.5
6	8.	0.6	8	28.	1.9	8	10.	2.3	8	712.	50.2
7	36.	2.5	9	11.	3.9	9	48.	11.5	9	17.	1.2
8	15.	1.0	TOTALS	1477.	100.0	10	414.	100.0	10	1517.	100.0
TOTALS	1433.	100.0	Cell: 354			Cell: 346			Cell: 345		
CLASS	**AREA**	*** AREA**									
0	186.	13.2	0	458.	31.0	0	71.	17.1	0	250.	17.6
1	358.	25.3	1	90.	6.1	1	849.	62.1	1	42.	2.9
2	157.	11.2	2	49.	3.3	2	17.	1.3	2	56.	3.9
3	538.	38.3	3	20.	1.3	3	5.	0.4	3	78.	5.5
TOTALS	1477.	100.0	4	106.	7.2	4	242.	16.9	4	232.	16.4
5	22.	1.6	5	646.	43.7	5	9.	0.6	5	15.	1.1
6	124.	8.8	6	52.	3.7	6	1.	0.1	6	43.	3.0
7	3.	0.2	7	790.	55.7	7	262.	18.2	7	30.	2.1
8	1.	0.2	8	22.	1.5	8	320.	22.3	8	84.	5.9
9	1407.	100.0	9	11.	3.9	9	79.	5.5	9	1419.	100.0
TOTALS	1407.	100.0	TOTALS	1420.	100.0	TOTALS	1433.	100.0	TOTALS	1417.	100.0
Cell: 326			Cell: 347			Cell: 355			Cell: 356		
CLASS	**AREA**	*** AREA**									
0	28.	7.8	0	395.	27.8	0	114.	7.9	0	591.	41.6
1	86.	24.0	1	73.	5.1	1	52.	3.7	1	250.	17.6
2	244.	68.2	2	11.	0.8	2	349.	24.4	2	42.	2.9
TOTALS	358.	100.0	3	23.	1.6	3	5.	0.4	3	56.	3.9
4	12.	3.	4	19.	1.3	4	242.	16.9	4	78.	5.5
5	5.	0.2	5	52.	3.7	5	9.	0.6	5	232.	16.4
6	1.	0.2	6	1.	0.1	6	1.	0.1	6	15.	1.1
7	1407.	100.0	7	22.	1.5	7	320.	22.3	7	43.	3.0
8	1.	0.2	8	11.	3.9	8	79.	5.5	8	30.	2.1
9	1.	0.2	9	11.	3.9	9	10.	2.3	9	84.	5.9
TOTALS	1407.	100.0	TOTALS	1420.	100.0	TOTALS	1433.	100.0	TOTALS	1419.	100.0

Appendix Table 4 (Cont'd)

356 - 365			366 - 374			375 - 382			383 - 391		
Cell: 356			Cell: 366			Cell: 375			Cell: 383		
CLASS	**AREA**	*** AREA**									
0	169.	11.7	0	227.	16.3	0	11.	11.5	0	589.	41.3
1	425.	29.3	2	245.	17.6	1	15.	14.9	2	2.	0.1
2	96.	6.6	3	6.	0.4	4	27.	27.2	3	20.	1.4
4	6.	0.4	4	40.	2.9	6	2.	1.7	4	101.	7.1
5	152.	10.5	5	75.	5.4	5	44.	44.7	5	42.	3.0
6	427.	29.5	6	144.	10.3	TOTALS	98.	100.0	6	33.	2.3
9	80.	5.5	8	479.	34.4				8	381.	26.7
10	17.	1.2	10	40.	2.9				9	32.	2.2
11	6.	0.4	11	32.	2.3				10	19.	1.3
12	72.	5.0	12	106.	7.6				12	7.	0.5
TOTALS	1450.	100.0	TOTALS	1392.	100.0				TOTALS	1426.	100.0
Cell: 357			Cell: 367			Cell: 376			Cell: 384		
CLASS	**AREA**	*** AREA**									
0	175.	19.4	0	221.	15.7	6	22.	2.4	0	280.	19.9
1	90.	10.0	2	56.	4.0	8	75.	8.2	1	6.	0.5
2	180.	20.0	3	33.	2.3	12	6.	0.6	2	84.	6.0
4	90.	10.0	4	71.	5.1	TOTALS	919.	100.0	4	210.	15.0
5	8.	0.9	5	48.	3.4				5	6.	0.4
6	71.	7.9	6	77.	5.5				6	88.	6.3
8	225.	25.0	8	674.	48.0				8	360.	25.6
9	29.	3.2	9	53.	3.8				9	95.	6.8
11	5.	0.6	11	162.	11.5				10	41.	2.9
12	28.	3.1	12	10.	0.7				11	231.	16.4
TOTALS	902.	100.0	TOTALS	1405.	100.0				12	3.	0.2
Cell: 360			Cell: 368			Cell: 385			Cell: 386		
CLASS	**AREA**	*** AREA**									
0	17.	4.9	0	388.	27.0	6	48.	5.2	0	358.	25.3
1	125.	35.5	2	34.	2.3	8	174.	12.2	1	55.	3.9
4	125.	35.4	3	3.	0.2	11	35.	2.5	12	22.	1.5
6	1.	0.3	4	222.	15.4	TOTALS	1425.	100.0	4	22.	1.5
8	5.	1.5	5	23.	1.6				5	5.	0.4
9	79.	22.3	6	21.	1.5				6	111.	7.8
TOTALS	353.	100.0	8	337.	23.5				8	730.	51.6
Cell: 361			Cell: 369			Cell: 378			Cell: 387		
CLASS	**AREA**	*** AREA**	TOTALS	1438.	100.0	10	17.	1.2	0	20.	1.4
0	359.	34.8				11	28.	2.0	1	178.	16.5
1	157.	15.2				12	74.	5.3	2	28.	2.6
2	46.	4.5				TOTALS	1394.	100.0	4	54.	5.0
4	120.	11.6							5	21.	1.9
5	244.	23.7							6	36.	3.3
6	13.	1.2							7	8.	0.7
8	68.	6.6							8	437.	40.7
10	23.	2.2							10	14.	1.7
12	1.	0.1							11	18.	1.7
TOTALS	1031.	100.0							12	9.	0.8
Cell: 362			Cell: 370			Cell: 379			Cell: 388		
CLASS	**AREA**	*** AREA**	TOTALS	1422.	100.0	10	470.	33.5	0	273.	25.4
0	616.	42.7				11	30.	2.1	1	178.	16.5
1	18.	1.2				12	23.	1.7	2	28.	2.6
2	204.	14.2				TOTALS	1405.	100.0	4	54.	5.0
3	20.	1.4							5	21.	1.9
4	18.	1.3							6	36.	3.3
5	4.	0.3							7	8.	0.7
6	100.	6.9							8	437.	40.7
8	227.	15.7							10	14.	1.7
9	47.	3.3							11	18.	1.7
10	40.	2.8							12	9.	0.8
11	3.	0.2							TOTALS	1074.	100.0
12	147.	10.2									
TOTALS	1444.	100.0									
Cell: 363			Cell: 371			Cell: 387			Cell: 389		
CLASS	**AREA**	*** AREA**	TOTALS	1382.	100.0	8	395.	27.7	0	63.	18.6
0	811.	57.4				9	38.	2.7	1	99.	29.1
2	77.	5.5				10	9.	0.7	2	165.	48.5
3	14.	1.0				11	200.	14.0	3	39.	11.0
5	38.	2.7				12	245.	17.2	4	1.	0.3
6	45.	3.2				TOTALS	1425.	100.0	5	7.	7.5
8	271.	19.2							6	11.	11.8
9	47.	3.3							7	1.	1.5
10	40.	2.8							8	1.	0.4
11	3.	0.2							9	7.	2.0
12	147.	10.2							TOTALS	340.	100.0
TOTALS	1413.	100.0									
Cell: 364			Cell: 372			Cell: 381			Cell: 390		
CLASS	**AREA**	*** AREA**	TOTALS	1436.	100.0	10	13.	0.9	0	63.	18.6
0	166.	11.7				11	15.	1.0	1	99.	29.1
2	45.	3.1				12	13.	0.9	2	36.	3.5
3	60.	4.2				TOTALS	1425.	100.0	3	35.	3.4
4	161.	11.3							4	55.	5.3
5	30.	2.1							5	10.	1.0
6	149.	10.5							6	5.	0.4
8	452.	31.8							7	18.	1.8
10	94.	6.6							8	298.	29.1
11	25.	1.8							9	48.	4.7
12	240.	16.9							10	4.	0.4
TOTALS	1423.	100.0							11	12.	1.2
Cell: 365			Cell: 374			Cell: 382			Cell: 391		
CLASS	**AREA**	*** AREA**	TOTALS	427.	100.0	10	172.	40.2	0	579.	39.3
0	184.	12.5				11	11.	2.6	1	23.	1.6
2	59.	4.0				12	23.	1.6	2	427.	29.0
3	6.	0.4				TOTALS	1395.	100.0	3	28.	2.0
4	66.	4.5							4	95.	6.8
5	31.	2.1							5	32.	2.3
6	266.	18.1							6	66.	4.7
8	607.	41.2							7	466.	33.2
10	74.	5.0							8	273.	19.4
11	19.	1.3							9	10.	0.9
12	160.	10.9							10	12.	0.6
TOTALS	1471.	100.0							11	45.	3.1
			TOTALS	185.	100.0				12	8.	0.5
									TOTALS	1404.	100.0
										1472.	100.0

Appendix Table 4 (Cont'd)

392 - 399

400 - 409

410 - 419

420 - 429

Cell: 392

Cell: 400

Cell: 410

Cell: 420

CLASS	**AREA**	*** AREA**
0	642.	44.3
2	13.	0.9
3	183.	12.6
4	58.	4.0
5	23.	1.6
6	8.	0.5
8	452.	31.2
10	59.	4.1
11	8.	0.6
12	4.	0.3
TOTALS	1449.	100.0

Cell: 393

CLASS	**AREA**	*** AREA**
0	260.	46.2
1	168.	29.8
4	37.	6.5
5	9.	1.7
6	13.	2.3
8	55.	9.8
11	16.	2.8
12	5.	0.8
TOTALS	563.	100.0

Cell: 402

CLASS	**AREA**	*** AREA**
0	492.	34.1
2	8.	0.6
3	87.	6.0
4	137.	9.5
5	102.	7.0
6	28.	1.9
8	172.	11.9
9	255.	17.7
11	162.	11.2
12	2.	0.1
TOTALS	1445.	100.0

Cell: 411

CLASS	**AREA**	*** AREA**
0	260.	18.1
2	114.	8.0
3	534.	37.2
5	18.	1.3
6	27.	1.9
8	85.	5.9
10	168.	11.7
11	68.	4.7
12	159.	11.1
TOTALS	1434.	100.0

Cell: 421

CLASS	**AREA**	*** AREA**
0	462.	31.8
2	17.	1.2
3	18.	1.2
4	172.	11.8
5	61.	4.2
6	86.	6.0
8	316.	21.8
10	117.	8.1
11	39.	2.7
12	163.	11.2
TOTALS	1451.	100.0

Cell: 394

CLASS	**AREA**	*** AREA**
0	13.	6.5
1	65.	33.8
4	113.	58.8
8	2.	0.9
TOTALS	192.	100.0

Cell: 403

CLASS	**AREA**	*** AREA**
0	12.	0.8
4	124.	8.4
5	92.	6.3
6	132.	8.9
8	142.	9.6
10	113.	7.6
11	134.	9.0
12	147.	9.9
TOTALS	1477.	100.0

Cell: 395

CLASS	**AREA**	*** AREA**
0	29.	2.0
3	12.	0.8
4	124.	8.4
5	92.	6.3
6	132.	8.9
8	142.	9.6
10	113.	7.6
11	134.	9.0
12	147.	9.9
TOTALS	1477.	100.0

Cell: 404

CLASS	**AREA**	*** AREA**
0	552.	37.4
2	29.	2.0
3	12.	0.8
4	124.	8.4
5	92.	6.3
6	132.	8.9
8	142.	9.6
10	113.	7.6
11	134.	9.0
12	147.	9.9
TOTALS	1477.	100.0

Cell: 396

CLASS	**AREA**	*** AREA**
0	526.	37.1
2	232.	16.4
3	68.	4.8
4	228.	16.1
5	52.	3.7
6	71.	5.0
10	94.	6.6
11	29.	2.0
12	118.	8.3
TOTALS	1419.	100.0

Cell: 405

CLASS	**AREA**	*** AREA**
0	11.	1.7
12	1.	0.1
TOTALS	1056.	100.0

Cell: 397

CLASS	**AREA**	*** AREA**
0	24.	1.7
12	5.	0.3
TOTALS	1427.	100.0

Cell: 406

CLASS	**AREA**	*** AREA**
0	24.	1.7
12	5.	0.3
TOTALS	1427.	100.0

Cell: 398

CLASS	**AREA**	*** AREA**
0	24.	1.7
12	5.	0.3
TOTALS	1451.	100.0

Cell: 407

CLASS	**AREA**	*** AREA**
0	47.	3.2
3	4.	0.2
4	99.	6.7
5	142.	9.7
6	62.	4.2
8	543.	36.9
9	97.	6.6
11	90.	6.1
12	39.	2.7
TOTALS	1472.	100.0

Cell: 399

CLASS	**AREA**	*** AREA**
0	47.	3.2
3	4.	0.2
4	99.	6.7
5	142.	9.7
6	62.	4.2
8	543.	36.9
9	97.	6.6
11	90.	6.1
12	39.	2.7
TOTALS	1472.	100.0

Cell: 408

CLASS	**AREA**	*** AREA**
0	252.	17.5
2	49.	3.4
3	4.	0.2
4	185.	12.8
5	42.	2.9
6	58.	4.0
8	540.	37.5
9	176.	12.2
11	110.	7.6
12	26.	1.8
TOTALS	1441.	100.0

Cell: 409

CLASS	**AREA**	*** AREA**
0	252.	17.5
2	49.	3.4
3	4.	0.2
4	185.	12.8
5	42.	2.9
6	58.	4.0
8	540.	37.5
9	176.	12.2
11	110.	7.6
12	26.	1.8
TOTALS	1441.	100.0

Cell: 410

CLASS	**AREA**	*** AREA**
0	790.	54.7
1	14.	1.0
2	17.	1.2
3	37.	2.5
4	10.	0.7
5	34.	2.3
8	421.	29.2
9	11.	0.7
10	20.	1.4
11	10.	0.7
12	80.	5.6
TOTALS	1444.	100.0

Cell: 409

CLASS	**AREA**	*** AREA**
0	790.	54.7
1	14.	1.0
2	17.	1.2
3	37.	2.5
4	10.	0.7
5	34.	2.3
8	421.	29.2
9	11.	0.7
10	20.	1.4
11	10.	0.7
12	80.	5.6
TOTALS	1423.	100.0

CLASS	**AREA**	*** AREA**

<tbl_r cells="3" ix="3" maxcspan="1" maxrspan="1" used

Appendix Table 4 (Cont'd)

430 - 438			439 - 448			449 - 458			459 - 468		
Cell: 430	Cell: 439	Cell: 449	Cell: 431	Cell: 441	Cell: 450	Cell: 432	Cell: 442	Cell: 451	Cell: 460	Cell: 459	Cell: 461
CLASS **AREA** *** AREA**											
0 130. 14.9	0 560. 30.2	0 444. 19. 1.3	0 35. 0.2	0 681. 48.4	0 681. 3. 0.2	1 57. 6.6	1 60. 5.4	1 19. 1.3	1 3. 0.2	1 2. 457. 32.5	1 1. 0.1
1 3. 0.3	2 15. 1.4	2 14. 0.9	2 14. 0.9	2 5. 36.	2 5. 2.5	2 0.1	3 131. 11.8	3 80. 5.4	3 3. 2.5	3 17. 1.2	3 1. 0.1
3 1. 0.1	4 28. 3.2	4 21.6	4 509. 34.6	4 4. 0.1	4 4. 0.1	4 0.1	5 240. 21.6	5 2. 0.1	5 8. 0.3	5 5. 0.3	5 0.1
4 28. 3.2	5 55. 4.9	6 15. 1.3	6 158. 10.7	6 4. 0.3	6 4. 0.3	6 0.3	8 36. 3.2	8 158. 10.7	10 14. 1.0	10 14. 1.0	10 1. 0.0
5 36. 4.2	9 249. 28.6	TOTALS 1111. 100.0	11 239. 16.2	11 3. 0.2	11 3. 0.2	11 0.2	TOTALS 1472. 100.0	TOTALS 1407. 100.0	TOTALS 1407. 100.0	TOTALS 1407. 100.0	TOTALS 1407. 100.0
9 249. 28.6	TOTALS 100.0	Cell: 433	Cell: 434	Cell: 435	Cell: 436	Cell: 437	Cell: 438	Cell: 439	Cell: 440	Cell: 441	Cell: 442
11 5. 0.5	TOTALS 100.0	**CLASS** **AREA** *** AREA**									
TOTALS 872. 100.0	TOTALS 100.0	0 325. 22.9	0 178. 21.2	0 424. 50.4	0 283. 19.8	0 383. 30.7	0 203. 16.3	0 346. 42.7	0 30.1 54.9	0 763. 52.0	0 939. 64.7
0 325. 22.9	2 15. 1.0	1 239. 28.4	1 15. 1.0	1 841. 100.0	1 15. 1.0	1 169. 20.8	1 87. 7.0	1 169. 20.8	1 44. 3.0	1 75. 5.1	1 75. 5.1
2 15. 1.0	3 98. 6.9	TOTALS 841. 100.0	2 170. 11.9	2 80. 5.4	2 906. 63.2	2 527. 42.2	2 1. 0.1	2 170. 11.9	2 30. 2.0	2 102. 7.0	2 13. 0.9
3 98. 6.9	4 733. 51.5	Cell: 442	11 59. 4.1	3 11. 0.1	3 11. 0.1	3 1. 0.1	11 59. 4.1	11 59. 4.1	11 319. 21.9	11 12. 5.3	11 12. 5.3
4 733. 51.5	6 18. 1.3	TOTALS 1434. 100.0	TOTALS 1434. 100.0	Cell: 443	Cell: 444	Cell: 445	Cell: 446	Cell: 447	Cell: 448	Cell: 449	Cell: 450
6 18. 1.3	8 91. 6.4	0 120. 12.3	0 206. 14.0	0 80. 5.4	0 244. 30.1	0 53. 14.5	0 73. 19.9	0 239. 65.6	0 239. 65.6	0 763. 52.0	0 939. 64.7
8 91. 6.4	9 93. 5.8	1 34. 3.4	1 409. 27.8	1 409. 27.8	1 346. 42.7	1 169. 20.8	1 169. 20.8	1 169. 20.8	1 169. 20.8	1 44. 3.0	1 75. 5.1
9 93. 5.8	11 60. 4.2	8 35. 3.6	8 65. 6.6	8 65. 6.6	8 527. 42.2	8 4. 0.5	8 4. 0.5	8 4. 0.5	8 4. 0.5	8 102. 7.0	8 13. 0.9
11 60. 4.2	TOTALS 1423. 100.0	11 630. 64.4	11 397. 26.9	11 397. 26.9	11 80. 100.0	11 25. 2.0	11 25. 2.0	11 25. 2.0	11 25. 2.0	11 319. 21.9	11 12. 5.3
TOTALS 1423. 100.0	TOTALS 1423. 100.0	Cell: 443	Cell: 444	Cell: 445	Cell: 446	Cell: 447	Cell: 448	Cell: 449	Cell: 450	Cell: 451	Cell: 452
Cell: 432	Cell: 433	**CLASS** **AREA** *** AREA**									
0 643. 44.9	0 319. 21.7	0 206. 14.0	0 206. 14.0	0 206. 14.0	0 206. 14.0	0 244. 30.1	0 244. 30.1	0 244. 30.1	0 244. 30.1	0 782. 54.9	0 782. 54.9
3 239. 16.7	4 409. 27.8	1 319. 21.7	1 319. 21.7	1 319. 21.7	1 319. 21.7	1 346. 42.7	1 346. 42.7	1 346. 42.7	1 346. 42.7	1 65. 4.5	1 65. 4.5
4 204. 14.2	5 2. 0.1	2 80. 5.4	2 80. 5.4	2 80. 5.4	2 80. 5.4	2 169. 20.8	2 169. 20.8	2 169. 20.8	2 169. 20.8	2 18. 1.3	2 18. 1.3
5 104. 7.3	8 11. 0.8	3 2. 0.1	3 2. 0.1	3 2. 0.1	3 2. 0.1	3 169. 20.8	3 169. 20.8	3 169. 20.8	3 169. 20.8	3 14. 1.0	3 14. 1.0
6 2. 0.1	9 48. 3.3	4 1. 0.1	4 1. 0.1	4 1. 0.1	4 1. 0.1	4 48. 6.0	4 48. 6.0	4 48. 6.0	4 48. 6.0	4 294. 20.7	4 294. 20.7
8 33. 2.3	11 397. 26.9	5 0.6	5 0.6	5 0.6	5 0.6	5 80. 100.0	5 80. 100.0	5 80. 100.0	5 80. 100.0	5 238. 16.7	5 238. 16.7
10 62. 4.3	TOTALS 1433. 100.0	10 20. 1.4	10 20. 1.4	10 20. 1.4	10 20. 1.4	10 239. 65.6	10 239. 65.6	10 239. 65.6	10 239. 65.6	10 1425. 100.0	10 1425. 100.0
11 140. 9.8	TOTALS 1433. 100.0	11 48. 3.3	11 48. 3.3	11 48. 3.3	11 48. 3.3	11 169. 20.8	11 169. 20.8	11 169. 20.8	11 169. 20.8	11 1425. 100.0	11 1425. 100.0
12 5. 0.3	TOTALS 1433. 100.0	12 14. 1.0	12 14. 1.0	12 14. 1.0	12 14. 1.0	12 48. 6.0	12 48. 6.0	12 48. 6.0	12 48. 6.0	12 14. 1.0	12 14. 1.0
TOTALS 1433. 100.0	TOTALS 1433. 100.0	Cell: 434	Cell: 435	Cell: 436	Cell: 437	Cell: 438	Cell: 439	Cell: 440	Cell: 441	Cell: 442	Cell: 443
Cell: 434	Cell: 435	**CLASS** **AREA** *** AREA**									
0 687. 48.1	0 421. 29.5	2 2. 0.1	2 2. 0.1	2 2. 0.1	2 2. 0.1	2 239. 65.6	2 239. 65.6	2 239. 65.6	2 239. 65.6	2 964. 65.2	2 964. 65.2
2 83. 5.8	3 641. 44.9	4 1. 0.1	4 1. 0.1	4 1. 0.1	4 1. 0.1	4 80. 100.0	4 80. 100.0	4 80. 100.0	4 80. 100.0	4 12. 1.2	4 12. 1.2
3 234. 16.4	5 9. 0.6	6 2. 0.1	6 2. 0.1	6 2. 0.1	6 2. 0.1	6 79. 6.6	6 79. 6.6	6 79. 6.6	6 79. 6.6	6 4. 0.3	6 4. 0.3
4 89. 6.2	8 20. 1.4	9 8. 0.8	9 8. 0.8	9 8. 0.8	9 8. 0.8	9 7.0	9 7.0	9 7.0	9 7.0	9 245. 16.5	9 245. 16.5
5 29. 2.0	10 144. 10.1	11 48. 3.3	11 48. 3.3	11 48. 3.3	11 48. 3.3	11 2. 0.2	11 2. 0.2	11 2. 0.2	11 2. 0.2	11 243. 16.4	11 243. 16.4
8 82. 5.7	TOTALS 1428. 100.0	10 144. 10.1	10 144. 10.1	10 144. 10.1	10 144. 10.1	10 1. 0.1	10 1. 0.1	10 1. 0.1	10 1. 0.1	10 1479. 100.0	10 1479. 100.0
10 37. 2.6	TOTALS 1428. 100.0	11 142. 9.9	11 142. 9.9	11 142. 9.9	11 142. 9.9	11 2. 0.2	11 2. 0.2	11 2. 0.2	11 2. 0.2	11 12. 1.2	11 12. 1.2
11 187. 13.1	TOTALS 1428. 100.0	12 1. 0.1	12 1. 0.1	12 1. 0.1	12 1. 0.1	12 0.2	12 0.2	12 0.2	12 0.2	12 62. 4.9	12 62. 4.9
TOTALS 1428. 100.0	TOTALS 1428. 100.0	Cell: 444	Cell: 445	Cell: 446	Cell: 447	Cell: 448	Cell: 449	Cell: 450	Cell: 451	Cell: 452	Cell: 453
Cell: 435	Cell: 436	**CLASS** **AREA** *** AREA**									
0 729. 56.2	0 499. 34.0	2 297. 20.2	2 372. 31.4	2 372. 31.4	2 372. 31.4	2 372. 31.4	2 372. 31.4	2 372. 31.4	2 372. 31.4	2 396. 32.1	2 396. 32.1
2 58. 2.3	3 138. 9.4	3 138. 9.4	3 138. 9.4	3 138. 9.4	3 138. 9.4	3 138. 9.4	3 138. 9.4	3 138. 9.4	3 138. 9.4	3 458. 37.2	3 458. 37.2
3 32. 2.3	4 232. 15.8	4 232. 15.8	4 232. 15.8	4 232. 15.8	4 232. 15.8	4 232. 15.8	4 232. 15.8	4 232. 15.8	4 232. 15.8	4 294. 23.9	4 294. 23.9
4 168. 12.1	5 114. 7.8	5 114. 7.8	5 114. 7.8	5 114. 7.8	5 114. 7.8	5 114. 7.8	5 114. 7.8	5 114. 7.8	5 114. 7.8	5 56. 4.5	5 56. 4.5
5 2. 0.1	6 4. 0.3	6 4. 0.3	6 4. 0.3	6 4. 0.3	6 4. 0.3	6 4. 0.3	6 4. 0.3	6 4. 0.3	6 4. 0.3	6 28. 2.3	6 28. 2.3
6 62. 4.5	8 21. 1.5	8 21. 1.5	8 21. 1.5	8 21. 1.5	8 21. 1.5	8 21. 1.5	8 21. 1.5	8 21. 1.5	8 21. 1.5	8 1231. 100.0	8 1231. 100.0
8 35. 2.5	10 83. 5.7	10 83. 5.7	10 83. 5.7	10 83. 5.7	10 83. 5.7	10 83. 5.7	10 83. 5.7	10 83. 5.7	10 83. 5.7	10 1231. 100.0	10 1231. 100.0
10 86. 6.2	11 75. 5.1	11 75. 5.1	11 75. 5.1	11 75. 5.1	11 75. 5.1	11 75. 5.1	11 75. 5.1	11 75. 5.1	11 75. 5.1	11 1231. 100.0	11 1231. 100.0
11 152. 11.0	12 4. 0.3	12 4. 0.3	12 4. 0.3	12 4. 0.3	12 4. 0.3	12 4. 0.3	12 4. 0.3	12 4. 0.3	12 4. 0.3	12 1231. 100.0	12 1231. 100.0
12 11. 0.8	TOTALS 1401. 100.0	13 1. 0.1	13 1. 0.1	13 1. 0.1	13 1. 0.1	13 1. 0.1	13 1. 0.1	13 1. 0.1	13 1. 0.1	13 1. 0.1	13 1. 0.1
TOTALS 1401. 100.0	TOTALS 1401. 100.0	Cell: 446	Cell: 447	Cell: 448	Cell: 449	Cell: 450	Cell: 451	Cell: 452	Cell: 453	Cell: 454	Cell: 455
Cell: 437	Cell: 438	**CLASS** **AREA** *** AREA**									
0 583. 40.7	0 370. 25.9	1 10. 0.7	1 78. 5.5	1 153. 10.7	1 153. 10.7	1 591. 40.6	1 591. 40.6	1 591. 40.6	1 591. 40.6	1 512. 40.0	1 512. 40.0
2 358. 25.0	2 690. 47.9	2 3. 0.2	2 81. 5.6	2 1428. 100.0	2 1428. 100.0	2 1428. 100.0	2 1428. 100.0	2 1428. 100.0	2 1428. 100.0	2 19. 1.4	2 19. 1.4
3 101. 7.0	3 838. 58.6	3 35. 2.5	3 9. 0.6	3 1. 0.1	3 1. 0.1	3 1. 0.1	3 1. 0.1	3 1. 0.1	3 1. 0.1	3 262. 18.8	3 262. 18.8
4 180. 12.6	4 5. 0.3	4 5. 0.3	4 5. 0.3	4 5. 0.3	4 5. 0.3	4 5. 0.3	4 5. 0.3	4 5. 0.3	4 5. 0.3	4 897. 64.3	4 897. 64.3
5 22. 1.6	5 3. 0.2	5 3. 0.2	5 3. 0.2	5 3. 0.2	5 3. 0.2	5 3. 0.2	5 3. 0.2	5 3. 0.2	5 3. 0.2	5 7. 0.1	5 7. 0.1
8 14. 1.0	8 4. 0.3	8 4. 0.3	8 4. 0.3	8 4. 0.3	8 4. 0.3	8 4. 0.3	8 4. 0.3	8 4. 0.3	8 4. 0.3	8 29. 2.1	8 29. 2.1
11 164. 11.5	11 52. 3.6	11 1. 0.1	11 1. 0.1	11 1. 0.1	11 1. 0.1	11 1. 0.1	11 1. 0.1	11 1. 0.1	11 1. 0.1	11 12. 0.9	11 12. 0.9
12 10. 0.7	12 1. 0.1	12 1. 0.1	12 1. 0.1	12 1. 0.1	12 1. 0.1	12 1. 0.1	12 1. 0.1	12 1. 0.1	12 1. 0.1	12 17. 1.2	12 17. 1.2
TOTALS 1432. 100.0	TOTALS 1432. 100.0	13 115. 8.1	13 360. 25.0	13 7. 0.5	13 506. 34.7	13					

Appendix Table 4 (Cont'd)

543 - 551

552 - 560

561 - 569

570 - 579

Cell: 543			Cell: 552			Cell: 561			Cell: 570					
CLASS			**AREA**			**AREA**			**AREA**					
0	574.	43.6	0	279.	26.3	0	494.	35.6	0	54.	37.6			
1	263.	20.0	1	145.	13.7	1	28.	2.0	1	44.	30.7			
2	101.	7.7	3	230.	21.7	3	665.	47.9	2	5.	3.3			
4	103.	7.8	5	113.	10.6	4	51.	3.7	3	28.	19.8			
5	29.	2.2	6	65.	6.1	5	76.	5.5	5	2.	1.2			
6	3.	0.2	8	219.	20.6	6	24.	1.7	6	1.	0.8			
8	95.	7.2	9	1.	0.1	8	34.	2.4	7	7.	5.1			
9	139.	10.6	11	8.	0.8	11	16.	1.1	8	2.	1.4			
12	9.	0.7	TOTALS	1061.	100.0	TOTALS	1388.	100.0	TOTALS	143.	99.9			
TOTALS 1318. 100.0														
Cell: 544			Cell: 553			Cell: 562			Cell: 571					
CLASS			**AREA**			**AREA**			**AREA**					
0	1166.	77.4	0	133.	20.9	0	364.	26.8	0	170.	13.7			
2	1.	0.1	1	226.	35.5	1	60.	4.4	1	49.	3.9			
4	106.	7.1	4	241.	37.8	3	563.	41.6	2	2.	0.1			
5	45.	3.0	8	6.	1.0	5	105.	7.7	3	985.	79.4			
8	28.	1.9	9	31.	4.8	6	63.	4.7	4	5.	0.4			
9	25.	1.7	TOTALS	636.	100.0	8	179.	13.2	5	16.	1.3			
11	110.	7.3				11	22.	1.6	8	13.	1.0			
12	24.	1.6				TOTALS	1356.	100.0	11	2.	0.2			
TOTALS	1505.	100.0	TOTALS 1241. 100.0											
Cell: 545			Cell: 554			Cell: 563			Cell: 572					
CLASS			**AREA**			**AREA**			**AREA**					
0	835.	58.1	0	1049.	73.3	0	58.	19.6	0	538.	37.4			
3	20.	1.4	1	23.	1.6	1	93.	31.4	1	68.	4.7			
5	109.	7.6	4	350.	24.4	3	4.	1.3	2	40.	2.8			
6	1.	0.1	5	5.	0.3	4	22.	7.4	3	540.	37.5			
8	14.	1.0	8	2.	0.1	5	12.	4.1	4	17.	1.2			
11	454.	31.6	11	2.	0.2	6	7.	2.5	5	49.	3.4			
12	3.	0.2	TOTALS	1431.	100.0	8	97.	33.0	6	14.	1.0			
TOTALS	1436.	100.0	TOTALS 1439. 100.0											
Cell: 546			Cell: 555			Cell: 563			Cell: 573					
CLASS			**AREA**			**AREA**			**AREA**					
0	648.	43.8	0	1248.	89.8	0	266.	34.5	0	444.	43.7			
2	13.	0.9	3	89.	6.3	1	252.	32.7	1	63.	6.2			
3	11.	0.8	11	55.	3.9	4	237.	30.6	2	42.	0.2			
4	50.	3.4	TOTALS	1412.	100.0	5	5.	0.7	3	101.	10.0			
5	18.	1.2				6	12.	1.5	4	42.	4.1			
6	6.	0.4				8	12.	1.5	5	49.	4.8			
7	2.	0.2				TOTALS	772.	100.0	6	23.	2.3			
8	5.	0.3							7	5.	0.5			
11	721.	48.8							8	241.	23.7			
12	4.	0.3							11	47.	4.6			
TOTALS	1478.	100.0	TOTALS 1018. 100.0											
Cell: 547			Cell: 556			Cell: 564			Cell: 574					
CLASS			**AREA**			**AREA**			**AREA**					
0	649.	44.7	0	882.	61.1	0	398.	27.6	0	44.	43.7			
1	44.	3.0	1	1.	0.1	1	44.	3.1	1	63.	6.2			
2	51.	3.5	2	37.	2.6	4	980.	68.2	1	22.	16.1			
3	5.	0.4	8	182.	12.6	5	9.	0.6	2	37.	27.5			
4	69.	4.8	9	7.	0.5	11	8.	0.5	3	3.	2.3			
5	202.	13.9	11	28.	1.9	TOTALS	1438.	100.0	4	12.	8.7			
6	22.	1.5	12	8.	0.5				5	7.	5.2			
7	2.	0.1	TOTALS	1443.	100.0				6	54.	40.2			
8	79.	5.5							8	135.	100.0			
11	306.	21.1							TOTALS 1404. 100.0					
12	22.	1.5							Cell: 576					
TOTALS	1451.	100.0	TOTALS 1018. 100.0											
Cell: 548			Cell: 558			Cell: 564			Cell: 576					
CLASS			**AREA**			**AREA**			**AREA**					
0	311.	28.9	0	1025.	72.3	0	1082.	76.0	0	232.	57.3			
1	270.	25.1	2	9.	0.6	1	8.	0.6	1	104.	25.6			
2	74.	6.9	4	44.	3.1	3	17.	1.2	2	41.	10.2			
3	2.	0.2	5	122.	8.6	4	116.	8.2	5	18.	4.5			
4	26.	2.4	6	1.	0.1	5	17.	1.2	6	9.	2.3			
5	189.	17.5	TOTALS	1418.	100.0	6	27.	1.9	TOTALS	405.	100.0			
6	7.	0.6				8	89.	6.3						
7	4.	0.4				11	67.	4.7						
8	121.	11.3				TOTALS	1423.	100.0						
11	69.	6.4							Cell: 577					
12	3.	0.3							**CLASS**					
TOTALS	1077.	100.0							0	1078.	76.8			
Cell: 549			Cell: 559			Cell: 567			1	18.	1.3			
CLASS			**AREA**			**AREA**			2	25.	1.8			
0	100.	23.2	8	281.	56.4	4	648.	48.7	4	34.	2.4			
1	80.	18.6	1	43.	8.7	5	130.	9.8	5	41.	3.0			
3	168.	38.7	4	16.	3.1	3	28.	2.1	8	152.	10.8			
4	2.	0.4	6	4.	0.7	4	12.	0.9	11	56.	4.0			
5	10.	2.4	TOTALS	498.	100.0	5	48.	3.6	TOTALS	1404.	100.0			
11	73.	16.8				6	8.	0.6						
TOTALS	433.	100.0				7	2.	0.2						
Cell: 550			118.	45.1	8	430.	32.3							
CLASS			91.	34.7	9	23.	1.8							
0	142.	10.1	2	8.	3.2	12	1.	0.1						
1	13.	0.9	4	22.	8.6	TOTALS	1331.	100.0						
2	12.	0.8	5	6.	2.4				Cell: 578					
3	1140.	81.2	6	3.	1.2				**CLASS**					
4	2.	0.2	8	13.	4.9				0	615.	44.5			
5	27.	1.9	TOTALS	262.	100.0	9	9.	1.0	1	124.	9.0			
6	7.	0.5				10	416.	47.1	2	22.	1.6			
11	62.	4.4				11	419.	47.5	3	31.	2.2			
TOTALS	1405.	100.0				12	4.	0.1	4	54.	3.9			
Cell: 551			592.	44.7	9	34.	3.8		5	41.	2.9			
CLASS			70.	5.3	9	5.	0.5		6	358.	25.9			
0	250.	17.5	4	0.	0.3	TOTALS	883.	100.0		7	11.	0.8		
1	2.	0.2	3	404.	30.5				8	11.	0.8			
3	943.	66.1	4	11.	0.8				9	9.	0.7			
5	92.	6.5	5	96.	7.2				10	7.	0.5			
6	77.	5.4	6	2.	0.1				11	100.	7.2			
8	39.	2.7	7	13.	1.0				12	7.	0.5			
11	24.	1.6	8	126.	9.5				TOTALS	1384.	100.0			
TOTALS	1427.	100.0	11	8.	0.6				Cell: 579					
CLASS			592.	44.7	TOTALS	44.	100.0		**CLASS**					
0	943.	66.1	1	4.					0	178.	21.7			
1	2.	0.2	2	0.					1	518.	63.0			
3	943.	66.1	3	0.					3	2.	0.3			
5	92.	6.5	4	0.					5	5.	0.6			
6	77.	5.4	5	0.					7	2.	0.2			
8	39.	2.7	6	0.					8	102.	12.4			
11	24.	1.6	7	0.					11	13.	1.6			
TOTALS	1427.	100.0	8	0.					12	2.	0.2			
</														

Appendix Table 4 (Cont'd)

580 - 591			592 - 602			603 - 611			612 - 622		
Cell: 580	Cell: 581	Cell: 582	Cell: 583	Cell: 584	Cell: 585	Cell: 586	Cell: 587	Cell: 588	Cell: 589	Cell: 590	Cell: 591
CLASS	**AREA**	**% AREA**									
0	152.	25.8	0	137.	47.0	0	225.	42.9	0	476.	33.1
1	309.	52.3	1	65.	22.4	1	67.	12.7	1	116.	8.1
4	108.	18.3	2	4.	1.5	2	8.	1.6	2	136.	9.4
6	7.	1.2	3	7.	2.5	3	88.	16.7	3	11.	0.8
8	15.	2.5	4	24.	8.3	4	14.	2.6	4	199.	13.8
TOTALS	590.	100.0	5	48.	16.3	5	82.	15.6	5	37.	2.6
			6	6.	2.0	6	41.	7.9	6	52.	3.6
			8			8			7	2.	0.1
									8	55.	3.8
									9	120.	8.3
									10	222.	15.4
									11	6.	0.4
									12	7.	0.5
									TOTALS	1439.	100.0
									Cell: 613		
CLASS	**AREA**	**% AREA**	Cell: 593	Cell: 594	Cell: 595	Cell: 596	Cell: 597	Cell: 598	Cell: 604	Cell: 605	Cell: 614
0	140.	18.3	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**
1	67.	8.8	0	324.	24.1	0	484.	35.0	0	23.	5.2
2	31.	4.0	1	75.	5.6	1	57.	4.1	1	131.	29.9
3	522.	68.1	2	3.	0.2	2	90.	6.5	2	251.	57.5
5	2.	0.3	3	856.	63.7	3	549.	39.7	4	3.	0.6
7	1.	0.1	4	25.	1.8	4	26.	1.9	6	5.	1.1
8	2.	0.3	5	13.	1.0	5	74.	5.4	8	2.	0.4
11	1.	0.2	6	25.	1.9	6	10.	0.7	9	9.	2.0
TOTALS	767.	100.0	7	14.	1.1	8	78.	5.6	10	14.	3.2
			8	8.	0.6	11	16.	1.1	TOTALS	436.	100.0
									Cell: 615		
CLASS	**AREA**	**% AREA**	TOTALS	1344.	100.0	TOTALS	1384.	100.0	**CLASS**	**AREA**	**% AREA**
0	354.	24.8	Cell: 596	Cell: 597	Cell: 598	Cell: 599	Cell: 600	Cell: 601	Cell: 606	Cell: 607	Cell: 616
1	3.	0.2	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**
2	3.	0.2	0	294.	20.1	0	352.	24.1	0	449.	43.2
3	944.	66.1	1	53.	3.7	1	75.	5.2	1	216.	20.8
4	34.	2.4	2	18.	1.3	2	9.	0.6	2	36.	3.5
5	5.	0.3	3	741.	52.5	3	733.	50.1	3	211.	20.4
7	18.	1.3	4	67.	4.8	4	71.	4.9	4	139.	32.9
8	5.	0.4	5	29.	2.1	5	5.	0.3	5	22.	5.1
11	61.	4.3	6	122.	8.7	6	108.	7.4	5	43.	10.1
TOTALS	1428.	100.0	7	89.	6.3	8	94.	6.5	TOTALS	423.	100.0
			8	8.	0.6	11	15.	1.0	Cell: 615		
			TOTALS	1411.	100.0	TOTALS	1462.	100.0	**CLASS**	**AREA**	**% AREA**
CLASS	**AREA**	**% AREA**	Cell: 599	Cell: 600	Cell: 601	Cell: 602	Cell: 603	Cell: 604	Cell: 605	Cell: 606	Cell: 616
0	543.	38.5	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**
1	29.	2.1	0	356.	31.2	0	206.	25.3	0	429.	39.1
2	6.	0.4	1	208.	18.3	1	162.	19.9	1	177.	16.1
3	673.	47.7	2	2.	0.1	2	189.	23.3	2	60.	5.5
4	65.	4.6	3	209.	18.3	3	34.	4.1	3	219.	20.0
5	27.	1.9	4	56.	4.9	4	19.	2.4	4	46.	4.2
6	1.	0.1	5	36.	3.1	5	92.	11.3	5	30.	2.8
8	62.	4.4	6	148.	12.9	6	105.	12.9	6	127.	11.5
11	4.	0.3	7	118.	10.3	7	6.	0.7	7	73.	7.0
TOTALS	1411.	100.0	8	11.	0.8	8	85.	11.8	8	1.	0.5
			TOTALS	1141.	100.0	TOTALS	813.	100.0	TOTALS	1038.	100.0
			Cell: 598	Cell: 599	Cell: 600	Cell: 601	Cell: 602	Cell: 603	Cell: 604	Cell: 605	Cell: 616
CLASS	**AREA**	**% AREA**									
0	124.	40.8	0	69.	93.3	0	125.	17.5	0	429.	39.1
1	79.	25.9	1	5.	6.7	1	179.	25.1	1	177.	16.1
2	4.	1.5	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**
3	1.	0.4	0	218.	26.8	0	206.	25.3	0	60.	5.5
4	2.	0.7	1	585.	72.0	1	162.	19.9	1	209.	15.0
5	37.	12.2	2	4.	0.5	2	189.	23.3	2	1.	0.1
8	55.	18.2	3	3.	0.3	3	36.	5.1	3	86.	6.2
11	1.	0.3	4	19.	0.3	4	700.	100.0	4	69.	5.0
TOTALS	304.	100.0	5	2.	0.3	5	105.	12.9	5	8.	0.6
			6	2.	0.5	6	85.	11.8	6	158.	11.4
			7	2.	0.8	7	259.	36.3	7	234.	16.8
			8	3.	3.2	8	391.	70.4	8	15.	1.1
			TOTALS	79.	100.0	TOTALS	555.	100.0	TOTALS	1389.	100.0
CLASS	**AREA**	**% AREA**	Cell: 599	Cell: 600	Cell: 601	Cell: 602	Cell: 603	Cell: 604	Cell: 605	Cell: 606	Cell: 618
0	582.	48.7	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**
1	158.	13.2	0	69.	93.3	0	146.	26.3	0	39.	25.5
2	76.	6.4	1	5.	6.7	1	225.	30.0	1	60.	39.1
4	24.	2.0	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**
5	33.	2.7	0	331.	28.6	0	73.	9.7	0	116.	33.4
7	15.	1.2	1	145.	12.5	1	62.	8.3	1	108.	31.0
8	231.	19.3	2	22.	1.9	2	108.	8.8	2	9.	2.5
9	2.	0.2	3	19.	24.6	3	15.	2.0	3	19.	12.1
11	62.	5.2	4	19.	24.1	4	50.	14.4	4	17.	10.9
TOTALS	1196.	100.0	5	71.	6.1	5	374.	49.7	5	5.	3.2
			6	52.	4.5	6	225.	30.0	6	153.	99.9
			7	3.	0.3	7	73.	9.7	7	6.	4.3
			8	101.	8.7	8	108.	8.8	8	50.	14.4
			9	129.	11.1	9	15.	2.0	9	28.	8.1
			10	279.	24.0	10	376.	30.8	10	9.	4.3
CLASS	**AREA**	**% AREA**	TOTALS	1161.	100.0	TOTALS	753.	100.0	TOTALS	348.	100.0
0	221.	18.9	11	19.	1.6	11	15.	0.1	Cell: 621		
1	717.	61.5	12	4.	0.3	12	22.	6.4	Cell: 622		
2	21.	1.8	TOTALS	1161.	100.0	TOTALS	753.	100.0	**CLASS**	**AREA**	**% AREA**
3	3.	0.2	13	1.	0.1	13	15.	0.1	0	565.	39.0
4	62.	5.3	TOTALS	38.	99.8	TOTALS	325.	26.6	1	217.	15.0
5	3.	0.2	Cell: 601	Cell: 602	Cell: 603	Cell: 604	Cell: 605	Cell: 606	2	127.	8.7
6	4.	0.4	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**	3	311.	21.4
7	14.	1.2	0	28.	74.3	0	162.	13.3	4	24.	1.7
8	111.	9.5	1	2.	4.0	1	108.	8.8	5	20.	1.4
11	10.	0.9	2	5.	12.4	2	376.	30.8	6	42.	2.9
TOTALS	1166.	100.0	3	3.	9.1	3	16.	1.3	7	27.	1.9
			4	38.	99.8	4	15.	0.9	8	108.	7.4
			5	10.	2.0	5	15.	0.1	9	12.	0.7
			6	2.	0.1	6	10.	0.9	10	10.	0.7
			7	2.	0.1	7	15.	0.1	11	108.	7.4
			8	15.	1.2	8	28.	2.3	12	10.	0.7
CLASS	**AREA**	**% AREA**	TOTALS	449.	100.0	TOTALS	1223.	100.0	TOTALS	1450.	100.0

Appendix Table 4 (Cont'd)

623 - 630			631 - 639			640 - 648			649 - 657		
Cell: 623			Cell: 631			Cell: 640			Cell: 649		
CLASS	**AREA**	**% AREA**									
0	572.	39.4	0	256.	43.7	0	321.	33.4	0	324.	22.7
1	55.	3.8	1	118.	20.2	1	50.	5.2	1	27.	1.9
2	51.	3.5	2	2.	0.4	3	204.	21.2	2	27.	1.9
3	3.	0.2	3	32.	5.5	4	208.	21.7	3	946.	66.1
4	16.	1.1	4	43.	7.3	5	2.	0.3	4	58.	4.0
5	48.	3.3	5	44.	7.4	6	21.	2.2	5	33.	2.3
6	66.	4.5	6	53.	9.0	7	19.	2.0	6	2.	0.1
7	10.	0.7	8	23.	4.0	8	5.	0.5	8	18.	1.3
8	49.	3.4	11	15.	2.5	11	129.	13.4	11	23.	1.6
9	167.	11.5	TOTALS	586.	100.0	TOTALS	959.	100.0	TOTALS	1429.	100.0
10	397.	27.3									
11	11.	0.8									
12	7.	0.5									
TOTALS	1451.	100.0									
Cell: 624			Cell: 632			Cell: 641			Cell: 650		
CLASS	**AREA**	**% AREA**									
0	385.	26.1	0	49.	24.3	0	232.	22.4	0	432.	30.7
1	110.	7.5	1	80.	39.4	1	102.	9.9	1	143.	10.1
2	183.	12.4	3	7.	3.4	2	17.	1.6	2	14.	1.0
4	98.	6.7	4	37.	18.2	3	86.	8.2	3	513.	36.4
5	85.	5.8	6	19.	9.3	4	178.	17.2	4	96.	6.8
6	101.	6.8	8	9.	4.2	5	3.	0.3	5	91.	6.5
7	4.	0.2	0	21.	23.5	6	80.	7.7	6	24.	1.7
8	105.	7.1	1	57.	63.7	7	29.	2.8	8	47.	3.3
9	177.	12.0	4	10.	10.9	8	52.	5.0	11	49.	3.5
10	199.	13.5	8	2.	2.0	TOTALS	1037.	100.0	TOTALS	1408.	100.0
11	11.	0.8	TOTALS	90.	100.0						
12	16.	1.1									
TOTALS	1472.	100.0									
Cell: 625			Cell: 633			Cell: 642			Cell: 651		
CLASS	**AREA**	**% AREA**									
0	217.	16.4	0	378.	62.9	0	114.	8.4	0	798.	59.6
1	162.	12.2	1	91.	15.1	1	722.	53.5	1	39.	2.9
2	543.	40.9	8	28.	4.7	2	124.	9.1	2	14.	1.0
4	12.	0.9	9	104.	17.3	3	10.	0.7	3	358.	26.7
5	202.	15.2	TOTALS	601.	100.0	4	179.	13.2	5	93.	7.0
6	39.	3.0				5	43.	3.2	6	11.	0.8
7	4.	0.3				6	5.	0.4	8	24.	1.8
8	9.	0.7				8	94.	6.9	TOTALS	1339.	100.0
9	44.	3.3				11	10.	0.7			
10	92.	7.0				12	54.	4.0			
11	2.	0.2				TOTALS	1360.	100.0			
TOTALS	1327.	100.0									
Cell: 626			Cell: 635			Cell: 643			Cell: 652		
CLASS	**AREA**	**% AREA**									
0	23.	45.3	0	1222.	83.7	0	53.	7.7	0	38.	51.1
1	5.	9.8	3	16.	1.1	1	245.	35.7	1	5.	6.2
4	7.	14.2	4	48.	3.3	2	54.	7.9	5	26.	34.7
5	16.	30.8	5	40.	2.7	3	26.	3.8	8	6.	8.0
TOTALS	51.	100.0	6	8.	0.5	4	124.	18.1	TOTALS	74.	100.0
Cell: 627			8	17.	1.2	5	22.	3.1			
CLASS	**AREA**	**% AREA**	TOTALS	1461.	100.0	6	3.	0.4			
0	4.	18.0				7	106.	15.5			
1	17.	77.1				8	3.	0.4			
3	1.	4.5				11	3.	0.4			
TOTALS	22.	99.6				12	51.	7.4			
Cell: 628			Cell: 636			Cell: 644			Cell: 653		
CLASS	**AREA**	**% AREA**	0	382.	26.6	0	53.	7.7	0	27.	29.5
2	2.	0.2	2	2.	0.2	1	245.	35.7	1	25.	27.4
3	454.	31.6	3	454.	31.6	2	54.	7.9	2	2.	1.8
TOTALS	1435.	100.0	5	54.	3.8	3	26.	3.8	4	27.	30.0
Cell: 629			6	48.	3.3	4	124.	18.1	5	3.	2.9
CLASS	**AREA**	**% AREA**	7	7.	0.5	5	22.	3.1	6	119.	16.4
0	326.	38.0	8	26.	1.8	6	3.	0.4	7	29.	4.0
1	72.	8.4	9	110.	7.7	7	106.	15.5	8	8.	1.1
2	37.	4.3	10	224.	15.6	8	3.	0.4	9	105.	14.5
3	59.	6.8	11	61.	4.3	TOTALS	1403.	100.0	TOTALS	728.	100.0
4	289.	33.6	12	2.	0.1						
5	27.	3.2	TOTALS	1435.	100.0						
6	34.	3.9									
8	8.	0.9									
11	7.	0.8									
TOTALS	859.	100.0									
Cell: 630			**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**	**CLASS**	**AREA**	**% AREA**
0	661.	56.6	3	88.	6.2	0	3.	31.9	0	280.	38.5
1	205.	17.5	4	22.	1.6	4	6.	68.1	1	119.	16.4
2	27.	2.3	5	163.	11.4	TOTALS	9.	100.0	2	189.	37.0
3	167.	14.3	6	168.	11.8				3	4.	0.8
4	12.	1.0	7	5.	0.3				4	36.	7.0
5	23.	2.0	8	150.	10.5				5	24.	4.7
6	20.	1.7	9	348.	24.4				6	16.	3.2
7	8.	0.7	10	186.	13.0				7	18.	3.5
8	26.	2.2	11	14.	1.0				8	14.	2.8
11	19.	1.6	12	6.	0.4				11	44.	8.7
TOTALS	1167.	100.0	TOTALS	1427.	100.0	5	13.	1.5	TOTALS	511.	100.0
Cell: 631			6	2.	0.3						
CLASS	**AREA**	**% AREA**	7	7.	0.5						
0	154.	43.4	8	32.	4.4						
1	92.	26.0	9	3.	0.4						
2	17.	4.7	TOTALS	720.	100.0						
3	32.	9.0									
4	2.	0.5									
5	36.	10.2									
6	12.	3.3									
8	4.	1.2									
11	6.	1.7									
TOTALS	355.	100.0									

Appendix Table 4 (Cont'd)

658 - 665			666 - 673			674 - 683			684 - 693		
Cell: 658			Cell: 666			Cell: 674			Cell: 684		
CLASS	**AREA**	*** AREA**									
0	237.	18.2	0	256.	28.9	0	991.	68.4	0	14.	1.5
1	658.	50.8	1	45.	5.1	1	76.	5.3	1	700.	71.6
2	56.	4.3	2	15.	1.7	2	7.	0.5	2	30.	3.1
3	26.	2.0	3	310.	35.0	3	96.	6.6	3	3.	0.3
4	154.	11.9	4	118.	13.3	4	36.	2.5	4	230.	23.5
5	50.	3.8	5	19.	2.2	5	29.	2.0	TOTALS	978.	100.0
6	3.	0.2	6	24.	2.7	6	10.	0.7	Cell: 685		
8	94.	7.2	7	48.	5.5	9	47.	3.3	**CLASS**	**AREA**	*** AREA**
12	19.	1.5	8	13.	1.5	11	56.	3.9	0	103.	31.4
TOTALS	1296.	100.0	11	38.	4.3	12	63.	4.4	1	130.	39.7
			TOTALS	886.	100.0	TOTALS	1450.	100.0	4	92.	28.1
									11	3.	0.8
									TOTALS	328.	100.0
									Cell: 686		
									CLASS	**AREA**	*** AREA**
									0	563.	47.6
									1	91.	7.7
									2	43.	3.7
									3	265.	22.4
									5	3.	0.3
									6	2.	0.2
									8	98.	8.3
									9	84.	7.1
									11	33.	2.8
									TOTALS	1183.	100.0
									Cell: 687		
									CLASS	**AREA**	*** AREA**
									0	1215.	87.9
									3	30.	2.2
									4	20.	1.4
									5	31.	2.2
									6	7.	0.5
									8	5.	0.4
									11	225.	16.2
									TOTALS	1381.	100.0
									Cell: 688		
									CLASS	**AREA**	*** AREA**
									0	760.	54.9
									1	25.	1.8
									3	275.	19.8
									4	56.	4.1
									5	31.	2.2
									6	7.	0.5
									8	5.	0.4
									11	12.	0.9
									TOTALS	1383.	100.0
									Cell: 689		
									CLASS	**AREA**	*** AREA**
									0	151.	10.9
									1	24.	1.8
									3	987.	71.4
									4	113.	8.1
									5	71.	5.1
									6	4.	0.3
									8	20.	1.4
									11	12.	0.9
									TOTALS	1383.	100.0
									Cell: 690		
									CLASS	**AREA**	*** AREA**
									0	323.	61.0
									1	110.	20.7
									3	25.	4.7
									4	268.	46.9
									5	58.	10.2
									8	9.	1.6
									11	11.	1.9
									TOTALS	572.	100.0
									Cell: 691		
									CLASS	**AREA**	*** AREA**
									0	323.	25.2
									1	45.	7.9
									3	268.	46.9
									4	36.	6.3
									5	58.	10.2
									8	9.	1.6
									11	11.	1.9
									TOTALS	572.	100.0
									Cell: 692		
									CLASS	**AREA**	*** AREA**
									0	323.	61.0
									1	110.	20.7
									3	25.	4.7
									4	268.	46.9
									5	58.	10.2
									8	9.	1.6
									11	11.	1.9
									TOTALS	572.	100.0
									Cell: 693		
									CLASS	**AREA**	*** AREA**
									0	709.	66.5
									1	182.	17.1
									2	2.	0.2
									3	8.	0.7
									4	59.	5.5
									5	8.	0.8
									7	1.	0.1
									11	82.	7.7
									12	16.	1.5
									TOTALS	1066.	100.0

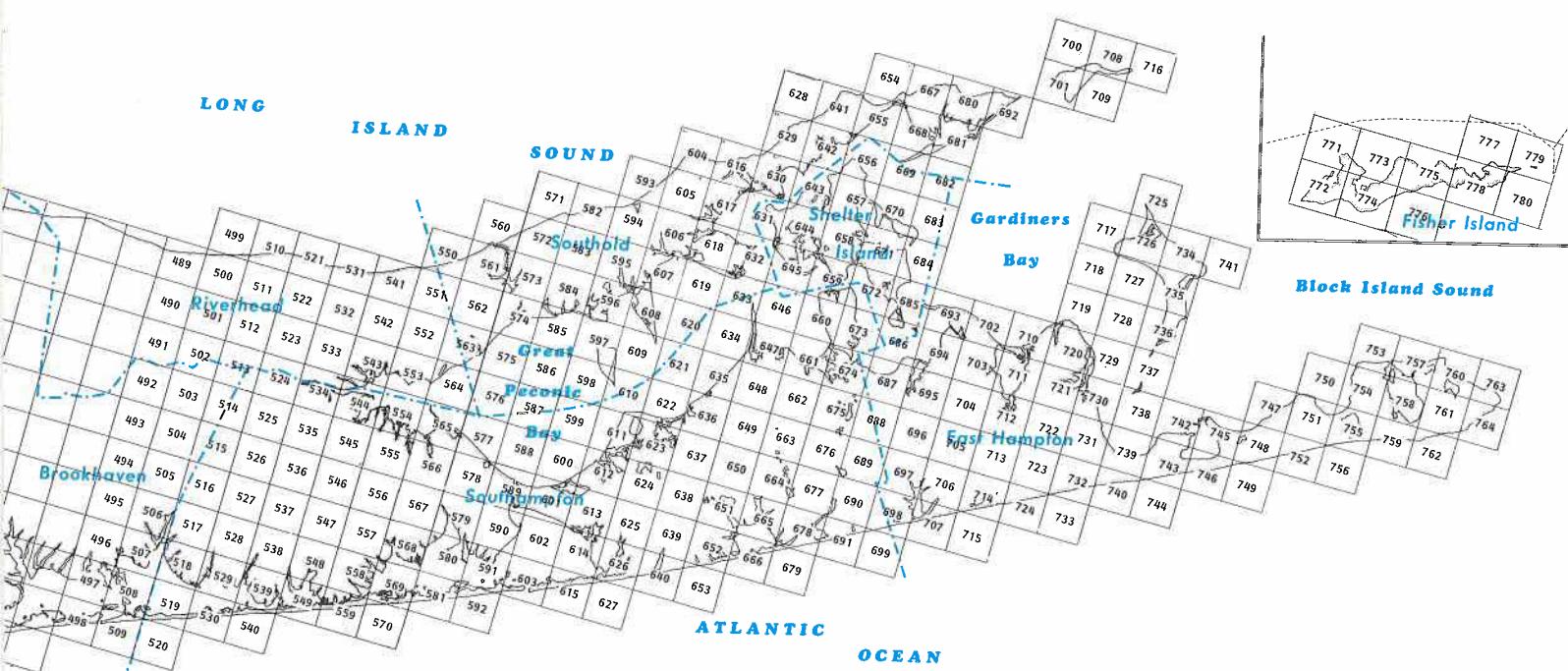
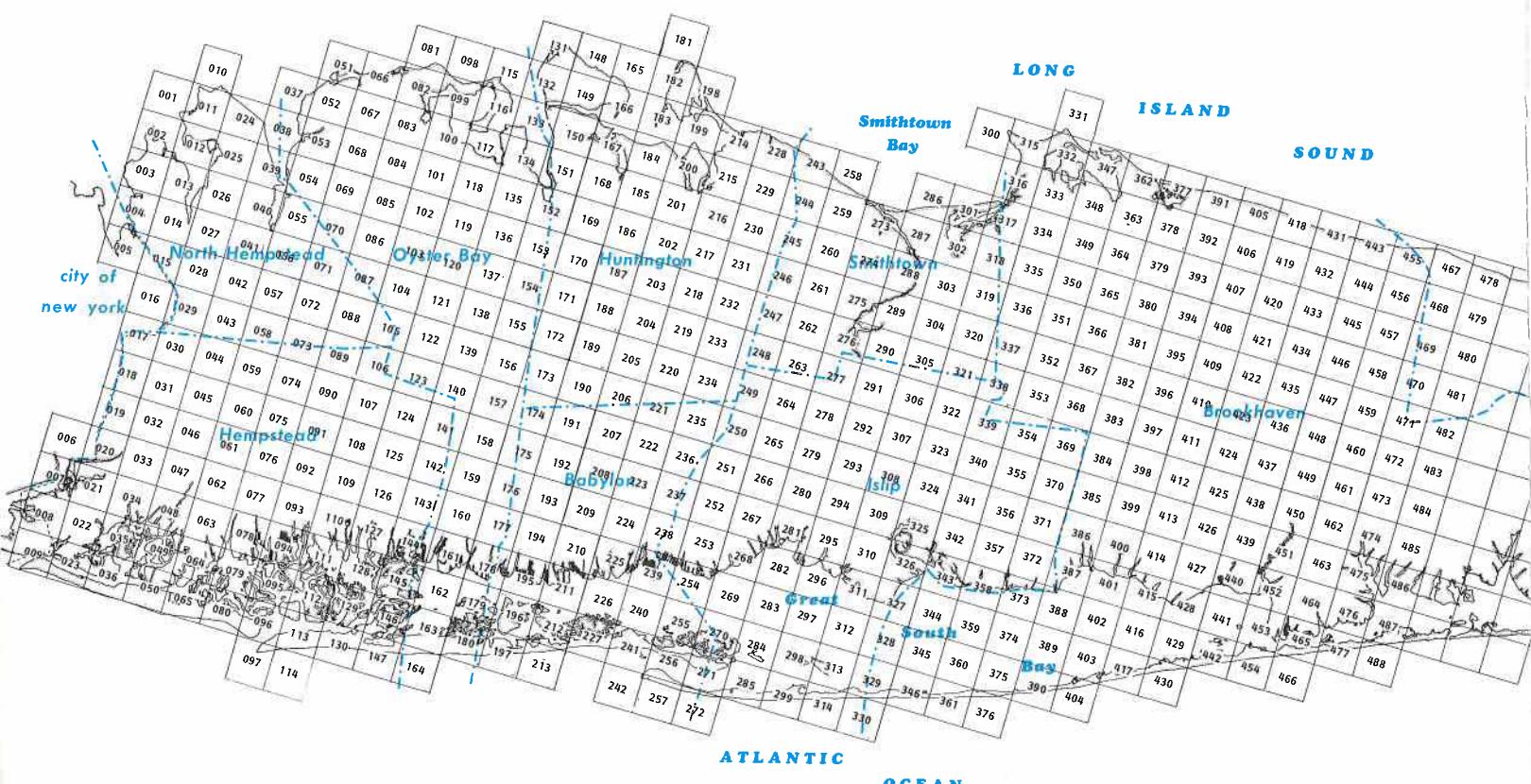
Appendix Table 4 (Cont'd)

744 - 753

754 - 762

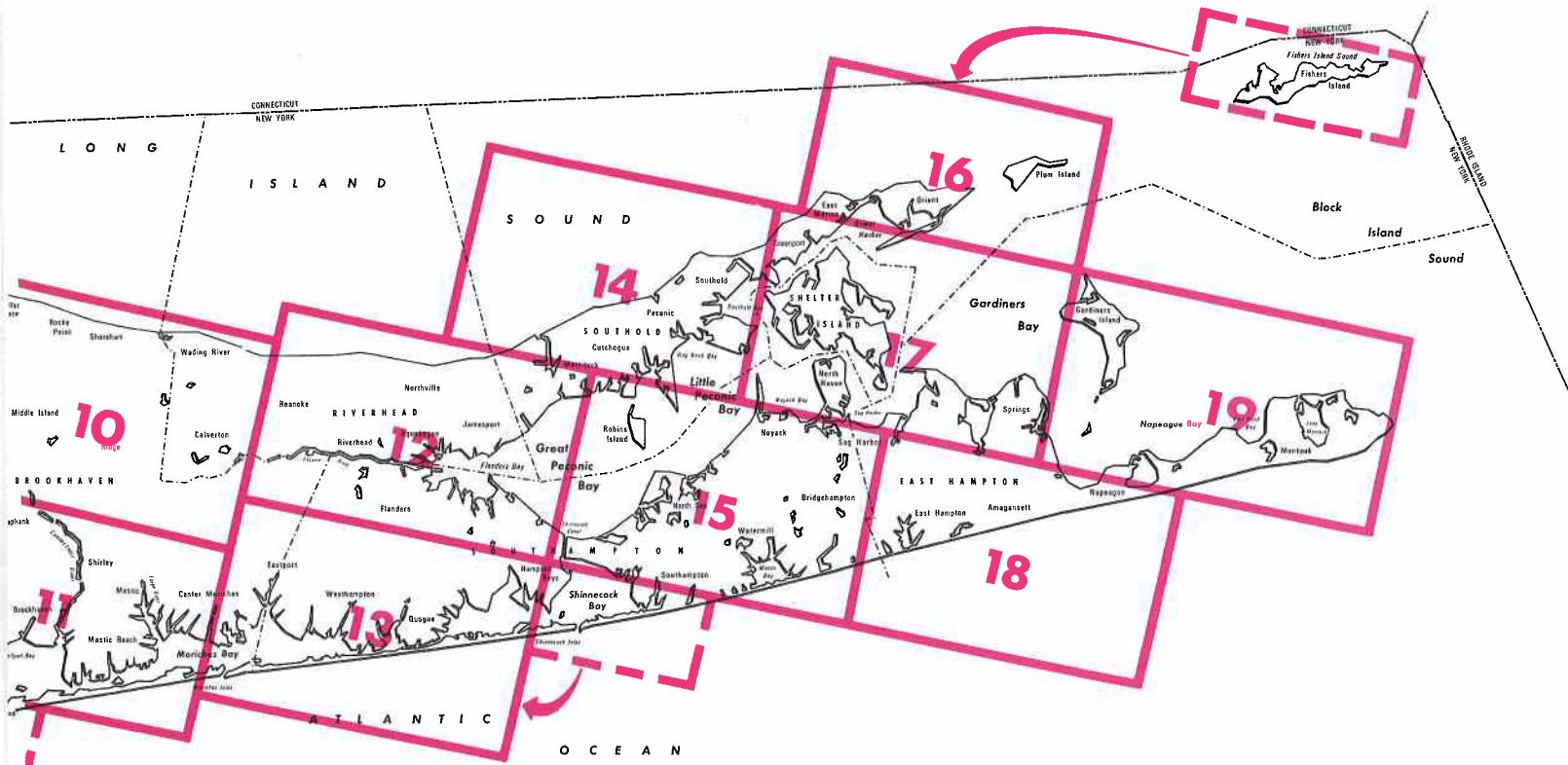
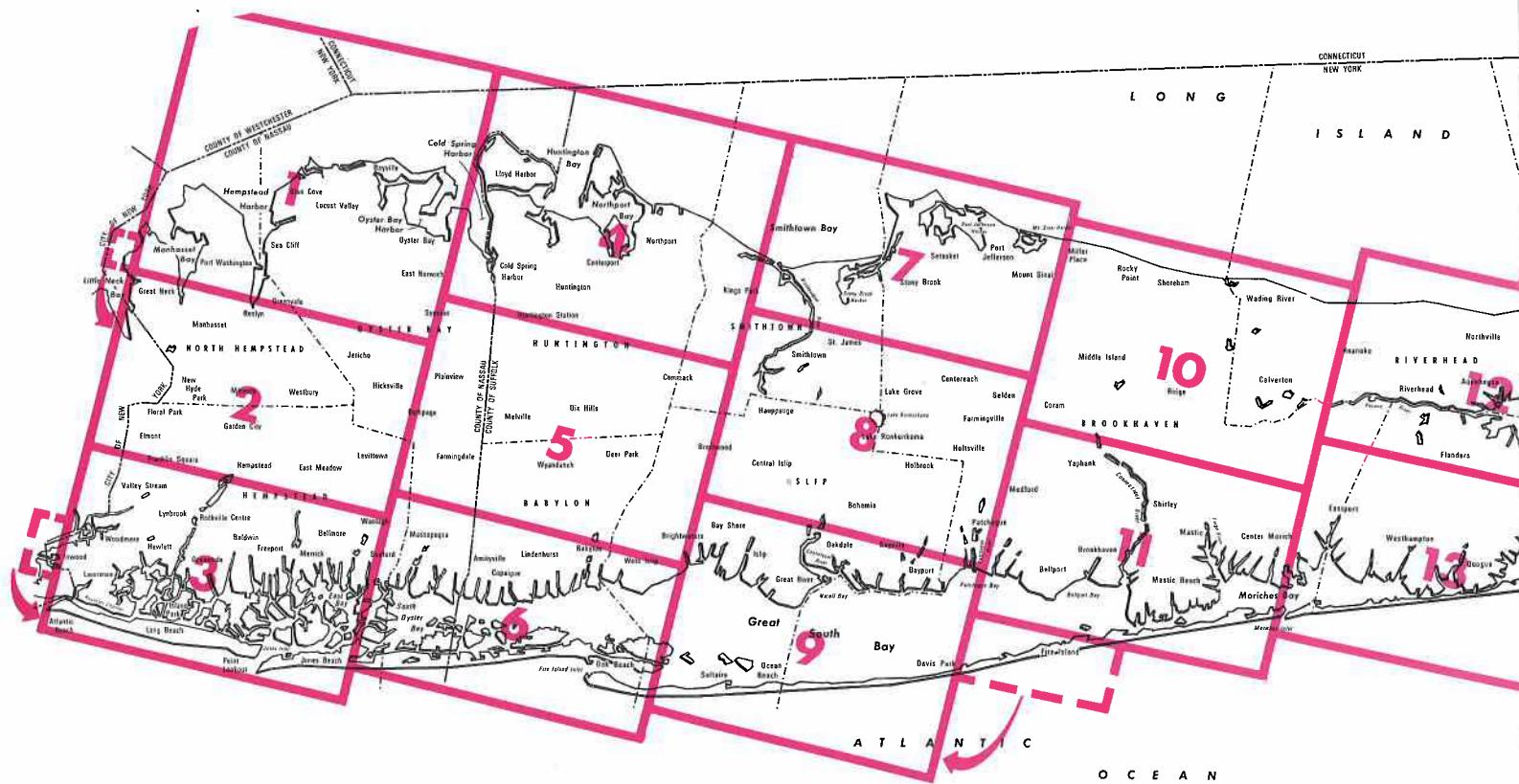
771 - 780

Cell: 744			Cell: 754			Cell: 771		
CLASS	**AREA**	*** AREA**	**CLASS**	**AREA**	*** AREA**	**CLASS**	**AREA**	*** AREA**
0	246.	47.2	1	12.	62.7	0	95.	58.7
1	92.	17.7	4	5.	25.3	1	45.	27.6
4	24.	4.6	10	2.	12.4	5	5.	3.3
5	23.	4.3	TOTALS	19.	100.4	6	2.	1.2
6	35.	6.8				8	2.	1.0
8	34.	6.5				11	13.	8.1
11	61.	11.8				TOTALS	163.	100.0
12	6.	1.2						
TOTALS	521.	100.0						
Cell: 745			Cell: 755			Cell: 772		
CLASS	**AREA**	*** AREA**	**CLASS**	**AREA**	*** AREA**	**CLASS**	**AREA**	*** AREA**
0	330.	67.3	1	43.	4.5	0	145.	24.0
1	42.	8.6	2	328.	34.3	1	140.	23.3
4	97.	19.8	3	8.	0.8	2	22.	3.6
11	21.	4.3	4	429.	45.0	4	6.	0.9
TOTALS	490.	100.0	5	2.	0.2	5	20.	3.3
Cell: 746			6	6.	0.6	6	16.	2.6
Cell: 747			7	6.	0.7	11	40.	6.8
CLASS	**AREA**	*** AREA**	TOTALS	955.	100.0	11	214.	35.4
0	293.	23.8				TOTALS	603.	100.0
1	60.	4.9						
4	757.	61.6						
5	50.	4.1						
6	2.	0.2						
8	4.	0.3						
11	63.	5.2						
TOTALS	1229.	100.0						
Cell: 748								
CLASS	**AREA**	*** AREA**						
0	19.	41.3						
1	5.	9.8						
4	18.	39.1						
11	5.	9.8						
TOTALS	46.	100.0						
Cell: 749								
CLASS	**AREA**	*** AREA**						
0	1086.	85.2						
1	25.	2.0						
4	22.	1.7						
5	19.	1.5						
6	5.	0.4						
8	4.	0.3						
11	66.	5.2						
12	47.	3.7						
TOTALS	1274.	100.0						
Cell: 750								
CLASS	**AREA**	*** AREA**						
0	340.	60.5						
1	51.	9.0						
4	20.	3.5						
5	38.	6.8						
6	20.	3.6						
8	25.	4.4						
11	50.	8.9						
12	18.	3.2						
TOTALS	561.	100.0						
Cell: 751								
CLASS	**AREA**	*** AREA**						
0	30.	7.5						
1	157.	40.0						
2	4.	1.0						
3	8.	1.9						
4	14.	3.7						
5	7.	1.8						
6	20.	5.1						
7	6.	1.5						
8	57.	14.6						
9	48.	12.2						
10	8.	2.1						
11	34.	8.6						
TOTALS	393.	100.0						
Cell: 752								
CLASS	**AREA**	*** AREA**						
0	30.	7.5						
1	157.	40.0						
2	4.	1.0						
3	8.	1.9						
4	14.	3.7						
5	7.	1.8						
6	20.	5.1						
7	6.	1.5						
8	57.	14.6						
9	48.	12.2						
10	8.	2.1						
11	34.	8.6						
TOTALS	393.	100.0						
Cell: 753								
CLASS	**AREA**	*** AREA**						
0	594.	46.9						
1	177.	14.0						
2	21.	1.7						
3	36.	2.8						
4	159.	12.5						
5	53.	4.2						
6	22.	1.7						
7	3.	0.3						
8	55.	4.4						
9	54.	4.3						
10	23.	1.8						
11	69.	5.5						
TOTALS	1267.	100.0						
Cell: 754								
CLASS	**AREA**	*** AREA**						
0	177.	15.2						
1	256.	22.2						
2	22.	1.9						
3	51.	4.4						
4	184.	15.8						
5	29.	2.5						
6	115.	9.9						
8	63.	5.4						
9	62.	5.3						
10	77.	6.6						
11	126.	10.8						
TOTALS	1165.	100.0						
Cell: 755								
CLASS	**AREA**	*** AREA**						
0	12.	62.7						
1	5.	25.3						
4	19.	100.4						
TOTALS	19.	100.0						
Cell: 771								
CLASS	**AREA**	*** AREA**						
0	95.	58.7						
1	45.	27.6						
5	5.	3.3						
6	2.	1.2						
8	2.	1.0						
11	13.	8.1						
TOTALS	163.	100.0						
Cell: 772								
CLASS	**AREA**	*** AREA**						
0	145.	24.0						
1	140.	23.3						
2	22.	3.6						
4	6.	0.9						
5	20.	3.3						
6	16.	2.6						
8	41.	6.8						
TOTALS	603.	100.0						
Cell: 773								
CLASS	**AREA**	*** AREA**						
0	340.	31.1						
1	634.	58.0						
2	57.	0.2						
4	3.	0.2						
5	58.	5.3						
6	10.	0.9						
8	12.	1.1						
TOTALS	1094.	100.0						
Cell: 774								
CLASS	**AREA**	*** AREA**						
0	207.	30.8						
1	49.	7.3						
2	6.	0.9						
3	40.	5.9						
4	107.	15.9						
5	7.	1.1						
6	30.	4.4						
8	52.	7.7						
9	56.	8.3						
TOTALS	811.	100.0						
Cell: 775								
CLASS	**AREA**	*** AREA**						
0	231.	28.3						
1	4.	0.5						
2	22.	2.7						
3	22.	2.7						
4	528.	64.7						
5	30.	3.7						
TOTALS	816.	100.0						
Cell: 776								
CLASS	**AREA**	*** AREA**						
0	684.	48.8						
1	32.	2.3						
2	52.	3.7						
3	56.	4.0						
4	453.	32.3						
5	20.	1.4						
6	10.	0.7						
7	25.	1.8						
8	9.	0.6						
TOTALS	1402.	100.0						
Cell: 760								
CLASS	**AREA**	*** AREA**						
0	79.	44.7						
1	44.	0.1						
2	43.	24.5						
3	4.	2.0						
4	18.	9.9						
5	17.	9.7						
6	2.	1.0						
7	10.	5.4						
TOTALS	177.	100.0						
Cell: 761								
CLASS	**AREA**	*** AREA**						
0	320.	71.1						
1	9.	2.0						
2	20.	4.4						
3	19.	4.2						
4	450.	100.0						
Cell: 777								



Key Map 1 Grid Cell System

**Land Use-1981
(by boards)**



LEGEND

RESIDENTIAL



1 D.U. & Less/Acre (low density)



2–4 D.U. / Acre



5–10 D.U./ Acre



11 D.U. & Over/Acre (high density)



Commercial



Commercial Recreation



Industrial



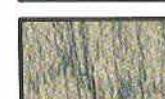
Institutional



Open Space & Recreational



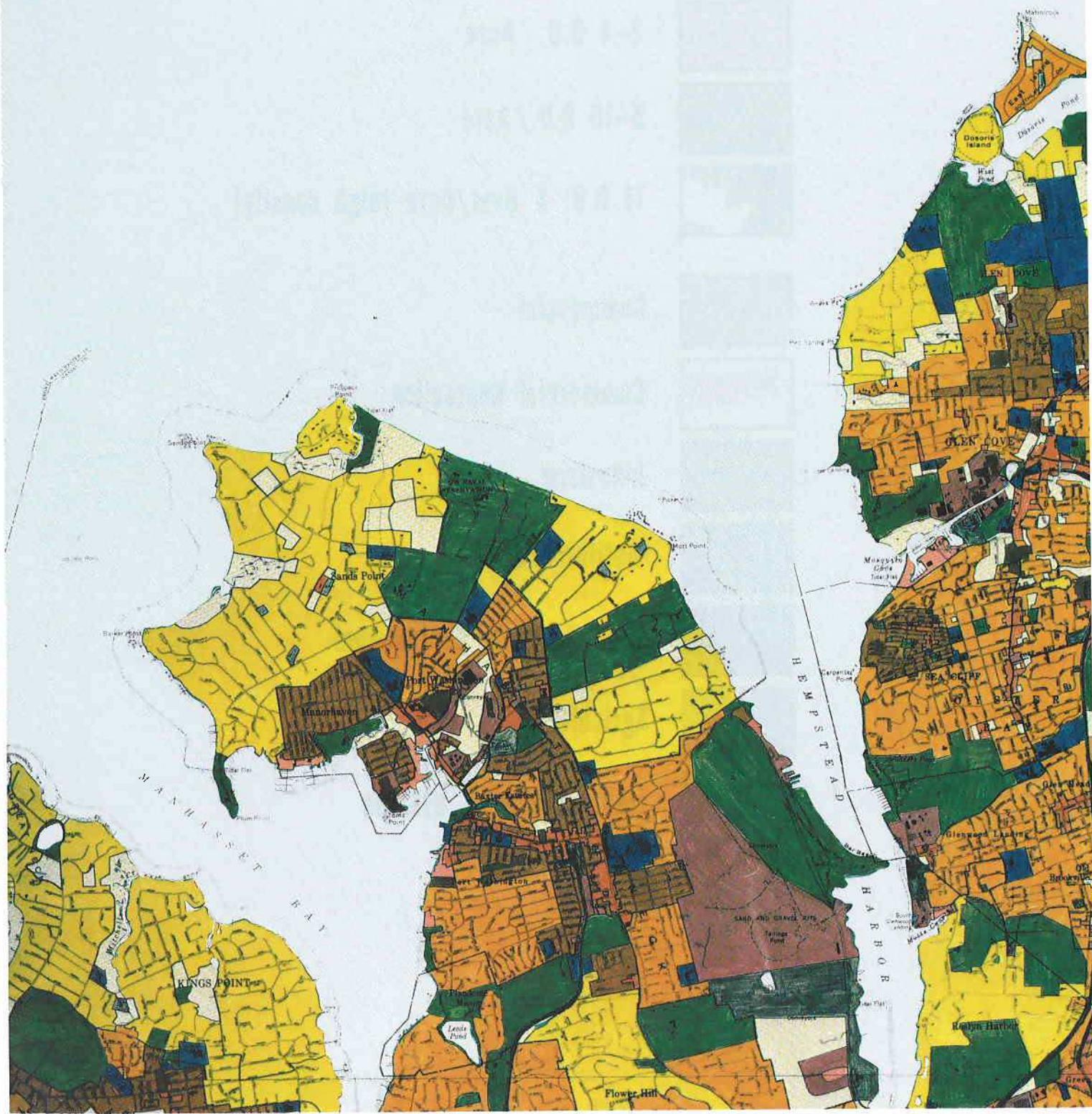
Agricultural



Transportation & Utilities



Vacant



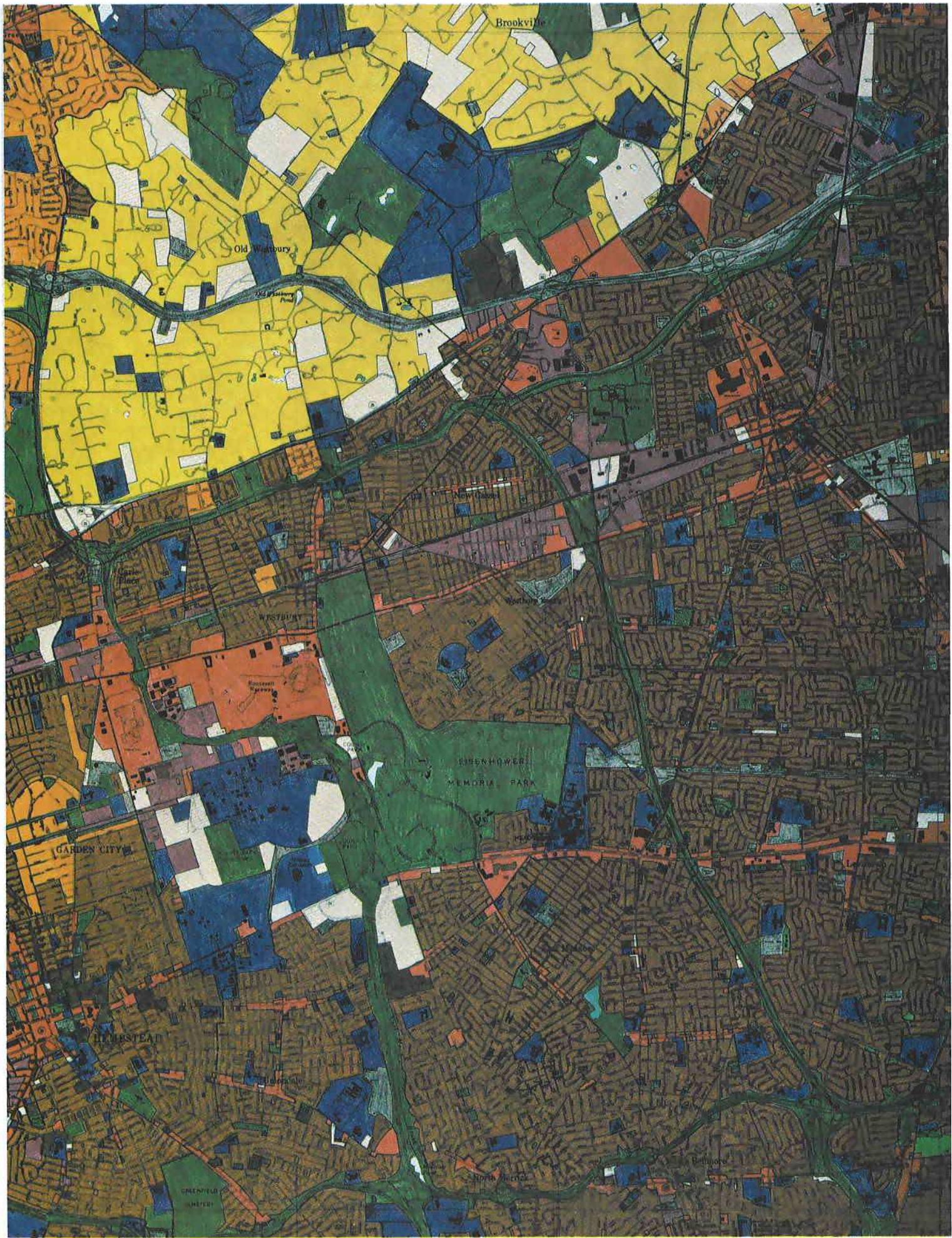
L O N G

I S L A N D

S O U N D











A T L A N T I C

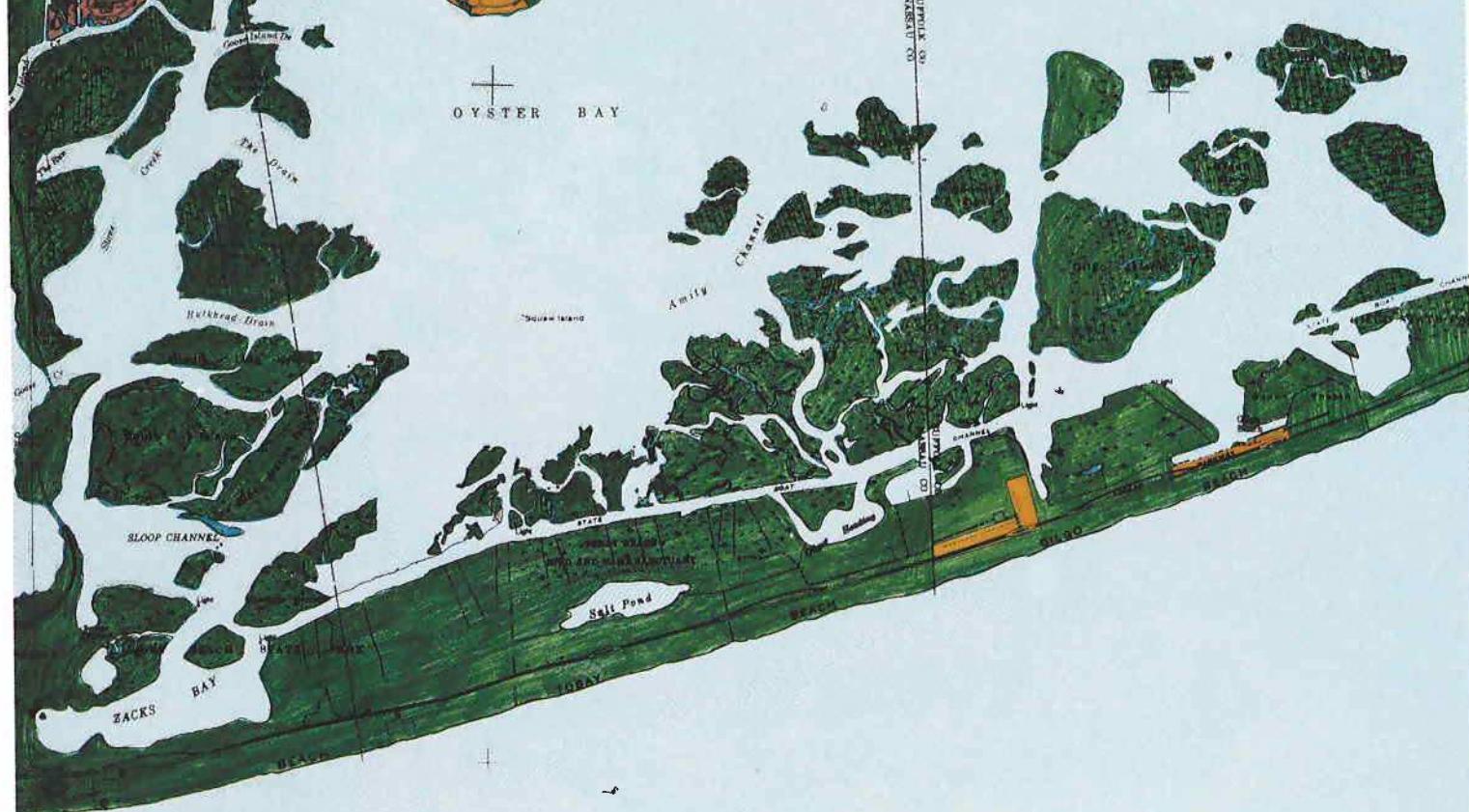
O C E A N















L O N G I S L A N D S O U T H



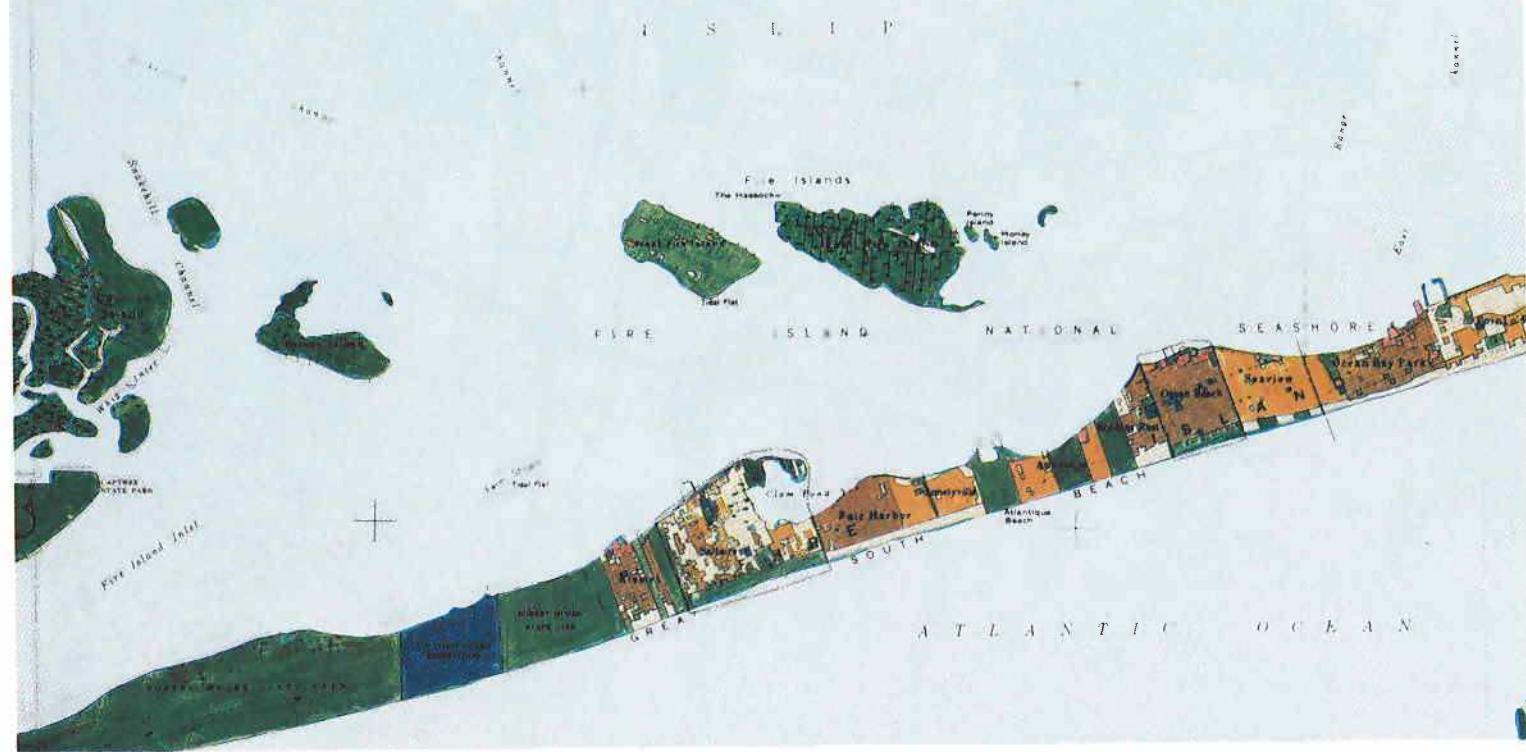


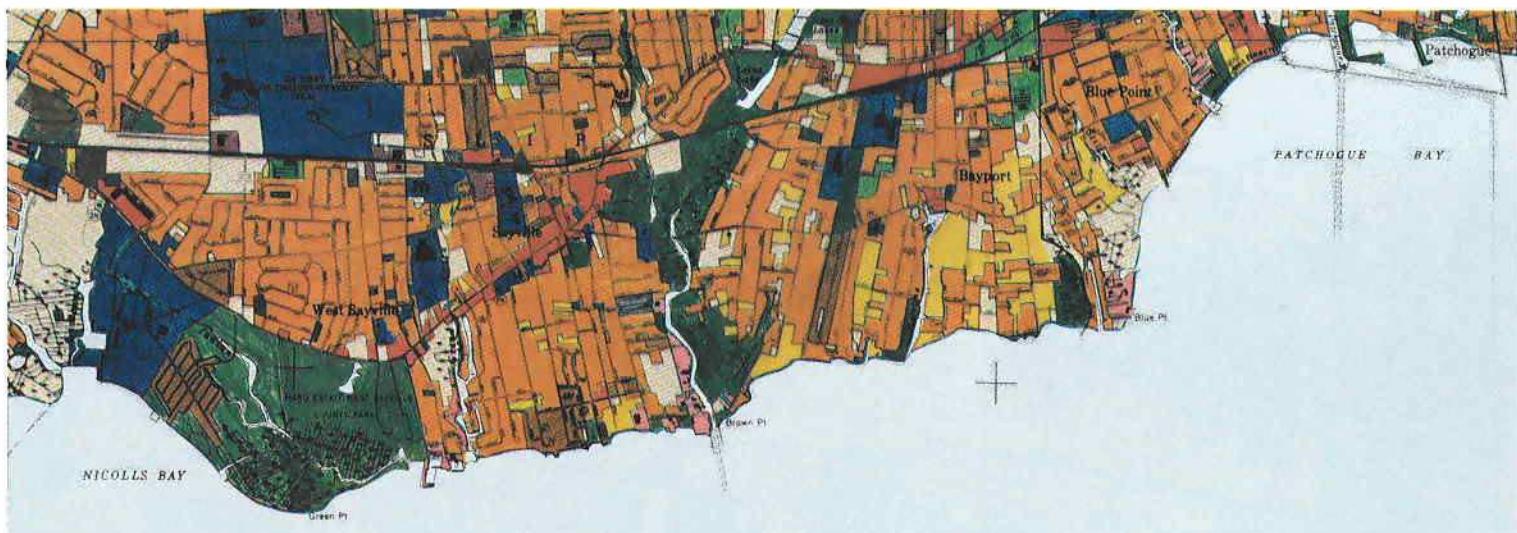




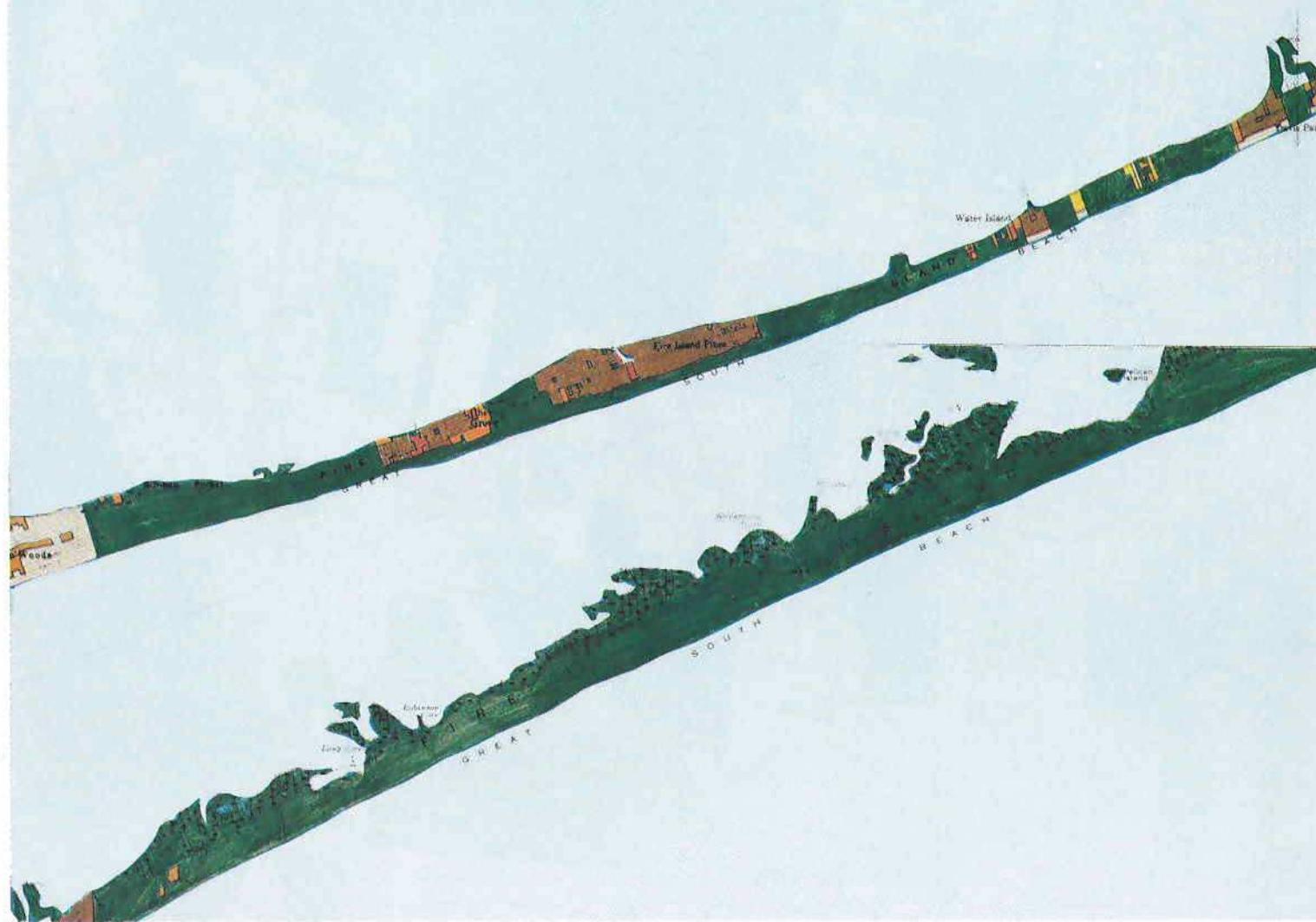
G R E A T S O U T H B A Y

A S I L E P





+ +
B A Y
S O U T H
G R E A T
B R O O K H A V E N







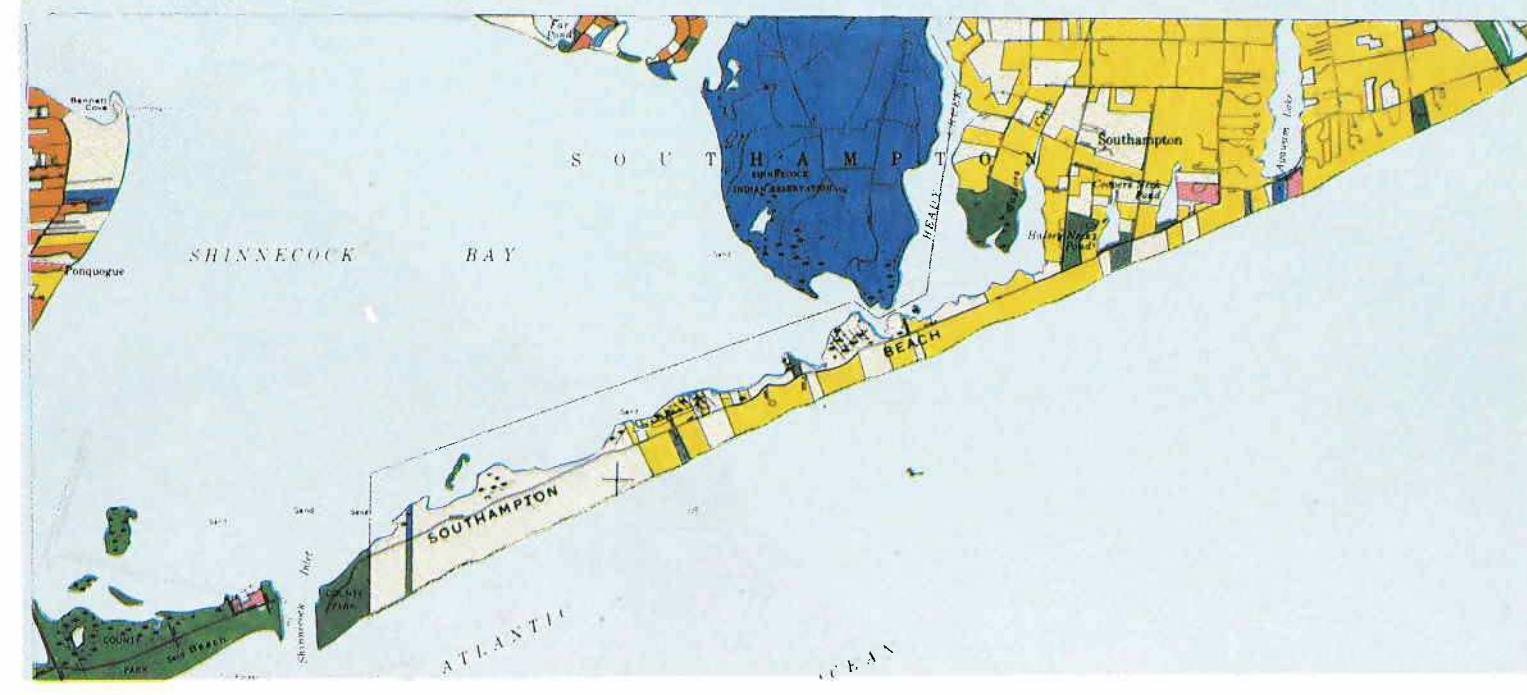
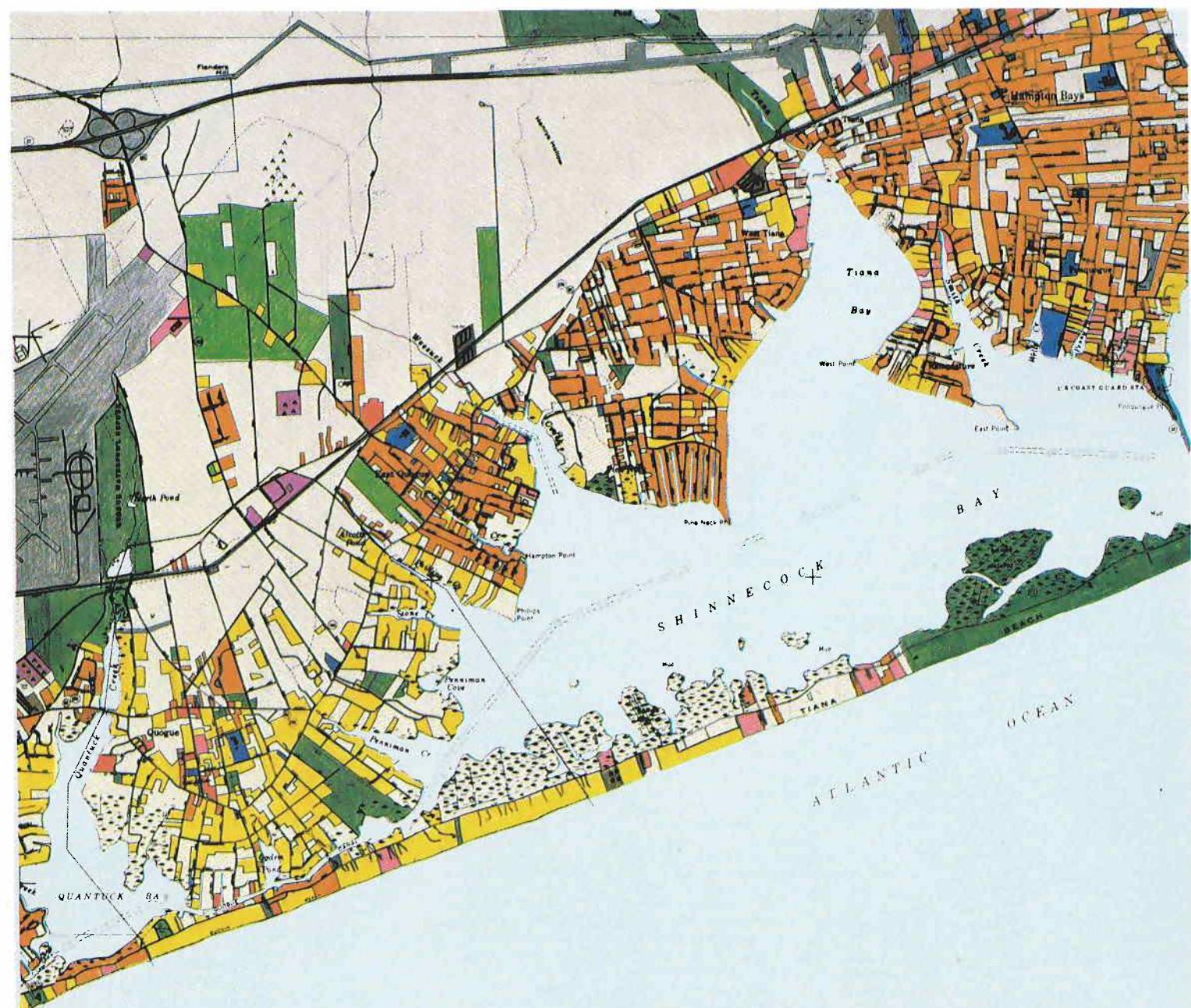








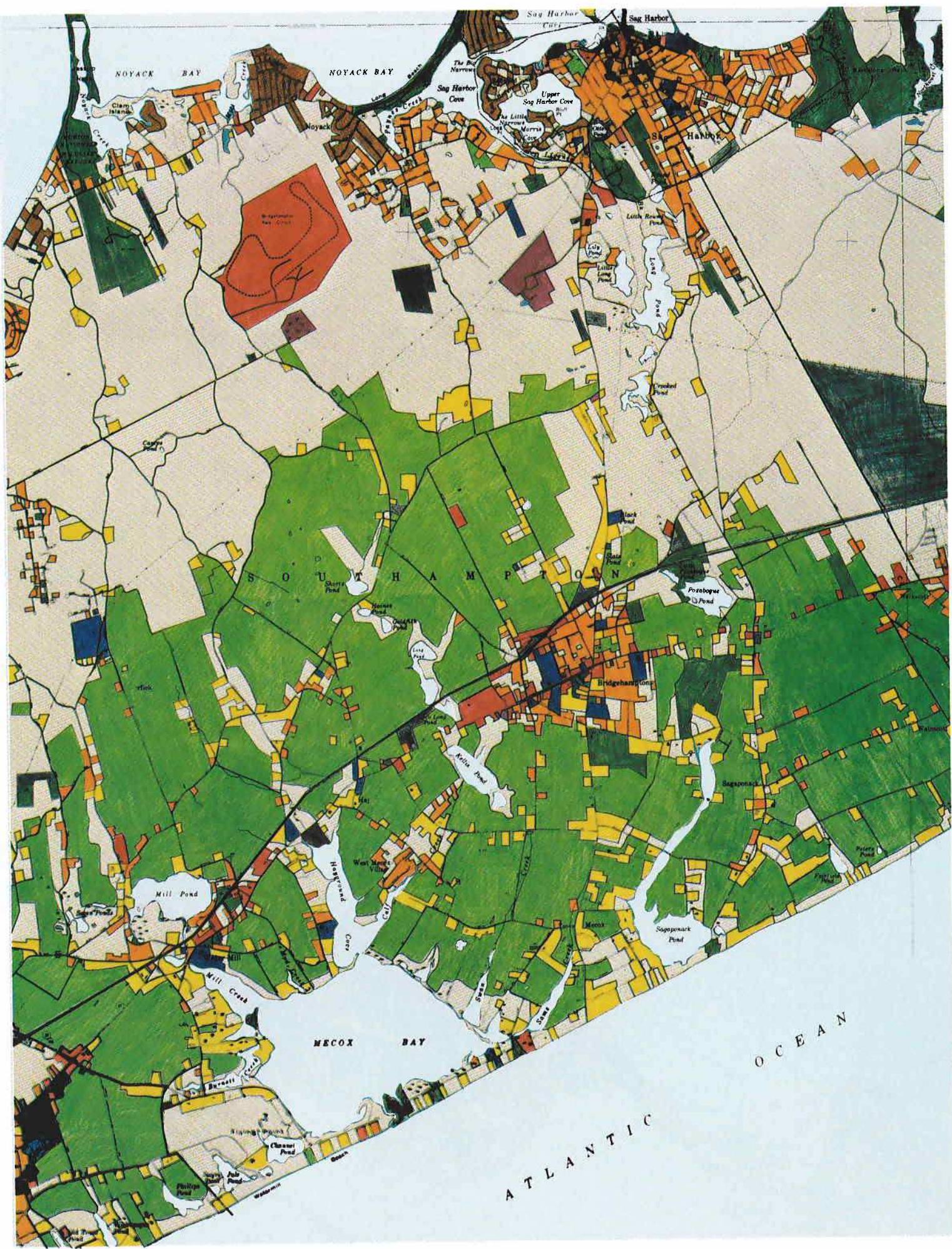


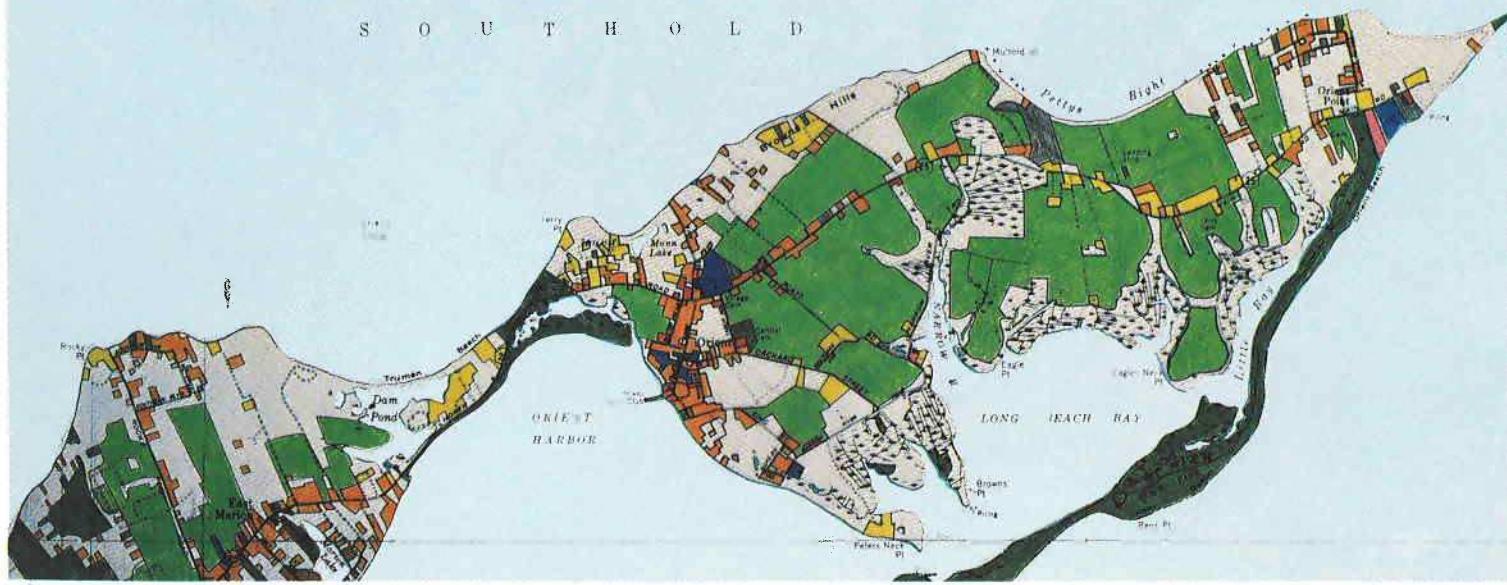
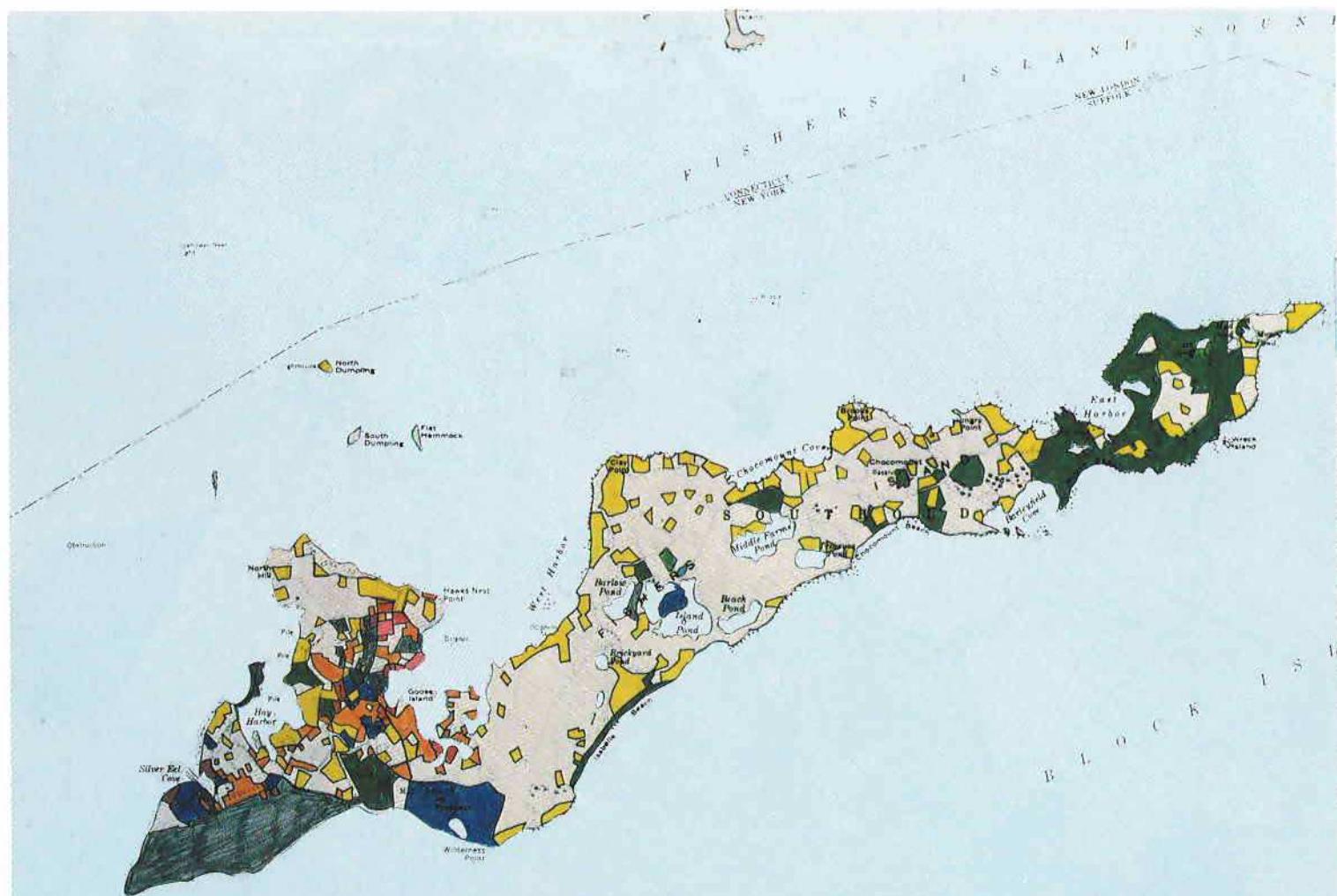








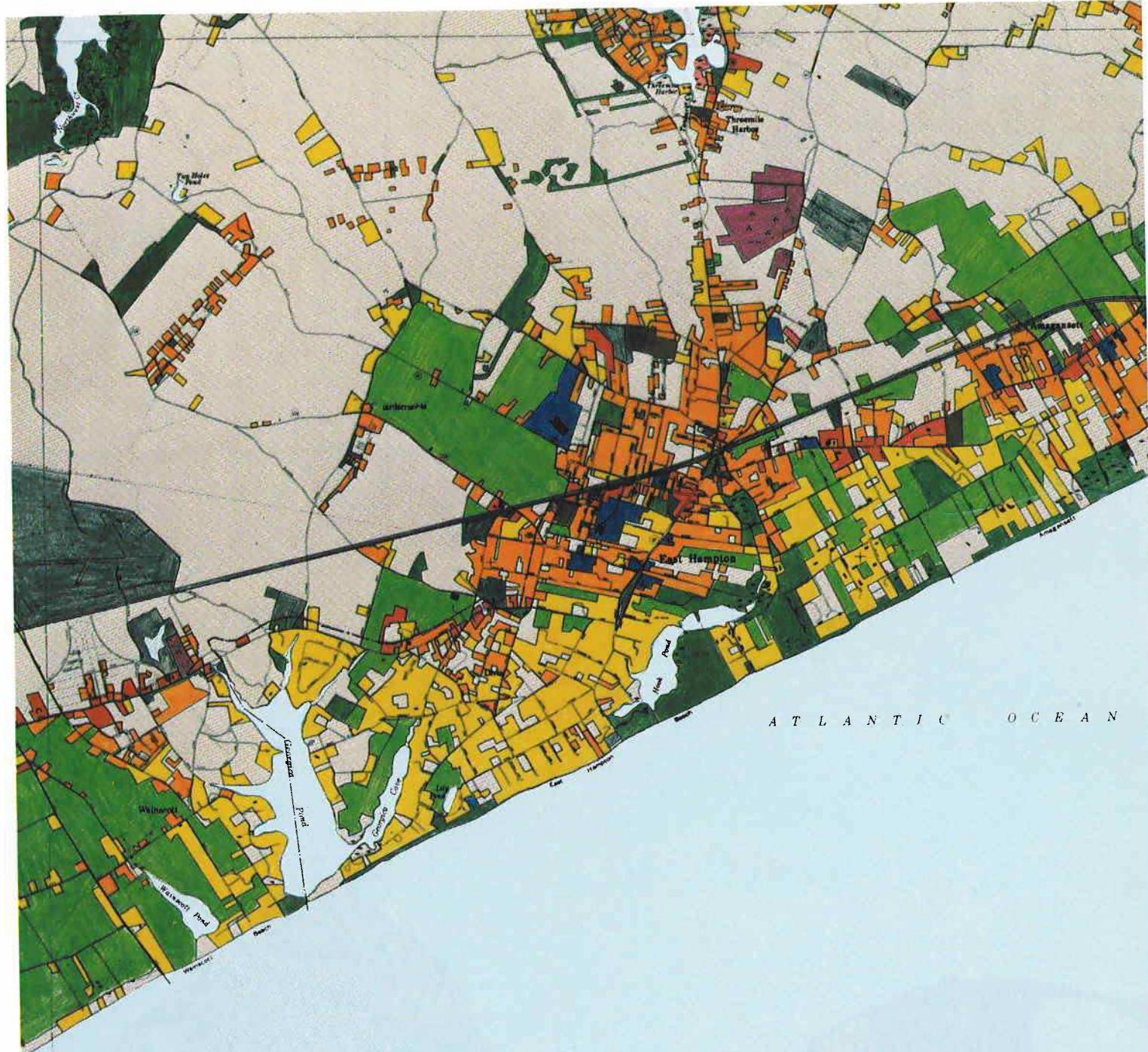












A T L A N T I C O C E A N



